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VOLUME II

TABLES OF EQUILIBRIUM THERMODYNAMIC PROPERTIES OF AIR

VOLUME II. CONSTANT PRESSURE

Herbert S. Brahinsky and Charles A. Neel

ARO, Inc.

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AIR FORCE SYSTEMS COMMAND
ARNOLD AIR FORCE STATION, TENNESSEE

NOTICES

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FOREWORD

The work reported herein was sponsored by Headquarters, Arnold Engineering Development Center (AEDC), Air Force Systems Command (AFSC), under Program Element 63101F.

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This technical report has been reviewed and is approved.

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ABSTRACT

Equilibrium thermodynamic data are presented for air from a log P of -7.4 to 4.8 and from a temperature of 100 to 15,000°K, where P is pressure in atmospheres. These data are tabulated at constant pressure with temperature incremented. The dependent parameters are log H/R, log ρ, Z, S/R, H/RT, and Z*. Several sources were used in assembling the data.

CONTENTS

TABLE I

NOMENCLATURE

A	Speed of sound
AA	Speed of sound at 273.15°K and 1 atm (from $\sqrt{\gamma RT}$)
C_p	Specific heat at constant pressure
C_v	Specific heat at constant volume
E	Internal energy
H	Enthalpy
ln	Logarithm to base e
log	Logarithm to base 10
P	Pressure, atm
P_o	Reference pressure, 1 atm
R	Gas constant
S/R	Dimensionless entropy
T	Temperature, °K
Z	Compressibility factor
Z*	Total number of moles/mole at 273.15°K and 1 atm
γ	Ratio of specific heats
γ_E	Isentropic exponent $(\partial \log P / \partial \log \rho)_S$
ρ	Density, amagats
ρ_o	Reference density, 1 amagat; the density at 1 atm of pressure and 273.15°K

CONSTANTS FOR USE WITH AIR TABLES

$$T_O = 273.15°K$$

Gravitational Constant $= 32.174 \text{ ft/sec}^2$

$$1 \text{ Btu} = 778.158 \text{ ft-lb}$$

$$1 \text{ gm-cal} = 42,698.8 \text{ gm-cm}$$

$$1 \text{ gm/cm}^3 = 62.4283 \text{ lb/ft}^3$$

$$P_O = 1.0 \text{ atm}$$
$$= 1.03323 \times 10^3 \text{ gm/cm}^2$$
$$= 14.6959 \text{ psi}$$
$$= 2116.22 \text{ psf}$$
$$= 760 \text{ mm Hg}$$
$$= 1.013246 \times 10^5 \text{ newtons/m}^2$$
$$\gamma = 1.4 \text{ for AA calculation}$$
$$AA = 1087.334 \text{ ft/sec}$$
$$= 331.419 \text{ m/sec}$$

Molecular Weight $= 28.967$

$$R = 1.98726 \text{ gm-cal/gm-mole °K}$$
or Btu/lb-mole °R
$$= 6.86043 \times 10^{-2} \text{ gm-cal/gm °K}$$
or Btu/lb °R $= .12349 \text{ Btu/lb °K}$
$$= 3091.694 \text{ ft}^2/\text{sec}^2 \text{ °K}$$
$$= 1717.608 \text{ ft}^2/\text{sec}^2 \text{ °R}$$
$$= 3.66099 \times 10^{-3} \text{ atm/amagat °K}$$

$$\rho_O = 1.0 \text{ amagat}$$
$$= 4.45848 \times 10^{-5} \text{ gm-mole/cm}^3$$
$$= 1.29149 \times 10^{-3} \text{ gm/cm}^3$$
$$= 8.06254 \times 10^{-2} \text{ lb/ft}^3$$
$$= 2.50592 \times 10^{-3} \text{ slugs/ft}^3$$

$$\frac{H}{R} \times .1234' = H\left(\frac{Btu}{lb \, °K}\right)$$

$$\frac{H}{R} \times .28704 = H\left(\frac{Joules}{gm}\right)$$

DISCUSSION

Accurate thermodynamic data are of obvious importance for modern-day gasdynamic studies. In accordance with this philosophy, the Arnold Engineering Development Center has sponsored much of the work of the National Bureau of Standards (NBS) in producing and publishing the thermodynamic properties of several gases, an example of which is the AEDC report of Hilsenrath and Klein (Ref. 1) for air. In Ref. 1 the data are presented in tables of constant temperature with the independent variable being log ρ and the dependent variables being Z, E/RT, H/RT, S/R, log P, and Z*. These data include dissociation, ionization, and second virial corrections. The data of Humphrey and Neel (Ref. 2), which are based in part on the work of Din (Ref. 3), are in the same format as the NBS data but cover the lower temperature range. The data of Grabau and Brahinsky (Ref. 4) extrapolated the existing data to high densities for the midrange of temperatures, and these data are also in the same format as the NBS data. However, it is desirable to have the above data in different formats from that normally found in most NBS reports, namely temperature versus density. For example, interpolations at constant pressure (Ref. 5) and constant entropy (Ref. 6) greatly simplify normal shock crossing and isentropic expansion calculations; interpolated speed of sound and specific heat data are also of great value. Hence, a project has been undertaken at the AEDC to assemble the above-described data in various formats by interpolating the basic data (NBS format) using the four-point Lagrange interpolation formula described by Lewis and Neel (Ref. 7).

Table I presents these data from log P = -7.4 to 4.8 in increments of 0.1 in log P over a temperature range between 100 and 15,000°K. Pressure is in atmospheres. Each set of data is at a constant pressure with temperature incremented. The dependent parameters are log H/R, log ρ, Z, S/R, H/RT, and Z* in that order. In the parameter log H/R, H/R is in degrees Kelvin. Constants for reducing the data to various dimensional units are found in the nomenclature.

REFERENCES

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3. Din, F. Thermodynamic Functions of Gases, Vol. 2, Butterworths Scientific Publications, London, 1956.

4. Grabau, M. and Brahinsky, H. S. "Thermodynamic Properties of Air from 300 to 6000°K and from 1 to 1000 Amagats." AEDC-TR-66-247 (AD646172), January 1967.

5. Neel, C. A. and Lewis, C. H. "Interpolations of Imperfect Air Thermodynamic Data, II. At Constant Pressure." AEDC-TDR-64-184 (AD446386), September 1964.

6. Neel, C. A. and Lewis, C. H. "Interpolations of Imperfect Air Thermodynamic Data, I. At Constant Entropy." AEDC-TDR-64-183 (AD605471), September 1964.

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TABLE I
THERMODYNAMIC DATA AT CONSTANT TEMPERATURE FOR AIR

LOG P=-7.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-6.9636	1.0000	37.1224	3.4806	1.00000

LOG P=-7.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-6.8536	1.0000	36.8924	3.4805	1.00000

LOG P=-7.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-6.7636	1.0000	36.6620	3.4806	1.00000

LOG P=-7.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-6.6636	1.0000	36.4316	3.4806	1.00000
200	2.8434	-6.9646	1.0000	38.8508	3.4862	1.00000

LOG P=-7.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-6.5636	1.0000	36.2012	3.4805	1.00000
200	2.8434	-6.8646	1.0000	38.6208	3.4862	1.00000

LOG P=-6.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-6.4636	1.0000	35.9712	3.4805	1.00000
200	2.8434	-6.7546	1.0000	38.3904	3.4862	1.00000
300	3.0198	-6.9407	1.0000	39.8071	3.4891	1.00000

LOG P=-6.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-6.3636	1.0000	35.7410	3.4806	1.00000
200	2.8434	-6.5646	1.0000	38.1599	3.4862	1.00000
300	3.0198	-6.8407	1.0000	39.5766	3.4891	1.00000
400	3.1455	-6.9657	1.0000	40.5866	3.4952	1.00000

LOG P=-6.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-6.2636	1.0000	35.5105	3.4805	1.00000
200	2.8434	-6.5646	1.0000	37.9296	3.4862	1.00000
300	3.0198	-6.7407	1.0000	39.3466	3.4891	1.00000
400	3.1455	-6.8657	1.0000	40.3561	3.4952	1.00000
500	3.2440	-6.9626	1.0000	41.1505	3.5074	1.00000

LOG P=-6.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-6.1536	1.0000	35.2802	3.4806	1.00000
200	2.8434	-6.4546	1.0000	37.6996	3.4862	1.00000
300	3.0198	-6.6407	1.0000	39.1166	3.4891	1.00000
400	3.1455	-6.7657	1.0000	40.1260	3.4952	1.00000

LOG P=-6.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
500	3.2440	-6.8526	1.0000	40.9200	3.5074	1.00000
600	3.3256	-6.9417	1.0000	41.5808	3.5270	1.00000

LOG P=-6.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-6.0636	1.0000	35.0502	3.4805	1.00000
200	2.8434	-6.3646	1.0000	37.4694	3.4862	1.00000
300	3.0198	-6.5407	1.0000	38.8964	3.4891	1.00000
400	3.1455	-6.5657	1.0000	39.8960	3.4952	1.00000
500	3.2440	-6.7626	1.0000	40.6898	3.5074	1.00000
600	3.3256	-6.8417	1.0000	41.3502	3.5270	1.00000
700	3.3955	-6.9087	1.0000	41.9212	3.5516	1.00000
800	3.4572	-6.9567	1.0000	42.4260	3.5817	1.00000

LOG P=-6.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-5.9636	1.0000	34.8201	3.4806	1.00000
200	2.8434	-6.2646	1.0000	37.2389	3.4862	1.00000
300	3.0198	-6.4407	1.0000	38.6558	3.4891	1.00000
400	3.1455	-6.5557	1.0000	39.6658	3.4952	1.00000
500	3.2440	-6.6626	1.0000	40.4599	3.5074	1.00000
600	3.3256	-6.7417	1.0000	41.1196	3.5270	1.00000
700	3.3955	-6.8087	1.0000	41.6910	3.5515	1.00000
800	3.4572	-6.8667	1.0000	42.1955	3.5817	1.00000
900	3.5121	-6.9178	1.0000	42.6522	3.6129	1.00000
1000	3.5619	-6.9636	1.0000	43.0669	3.6467	1.00000

LOG P=-6.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-5.8536	1.0000	34.5896	3.4806	1.00000
200	2.8434	-6.1646	1.0000	37.0086	3.4862	1.00000
300	3.0198	-6.3407	1.0000	38.4256	3.4891	1.00000
400	3.1455	-6.4557	1.0000	39.4353	3.4952	1.00000
500	3.2440	-6.5626	1.0000	40.2297	3.5074	1.00000
600	3.3256	-6.6417	1.0000	40.8892	3.5270	1.00000
700	3.3955	-6.7087	1.0000	41.4605	3.5516	1.00000
800	3.4572	-6.7667	1.0000	41.9654	3.5817	1.00000
900	3.5121	-6.8178	1.0000	42.4220	3.6129	1.00000
1000	3.5619	-6.8636	1.0000	42.8363	3.6467	1.00000
1100	3.6071	-6.9050	1.0000	43.2187	3.6791	1.00000
1200	3.6488	-6.9428	1.0000	43.5746	3.7122	1.00000
1300	3.6874	-6.9775	1.0000	43.9054	3.7452	1.00000

LOG P=-6.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-5.7536	1.0000	34.3592	3.4805	1.00000
200	2.8434	-6.0546	1.0000	36.7786	3.4862	1.00000
300	3.0198	-6.2407	1.0000	38.1956	3.4891	1.00000
400	3.1455	-6.3657	1.0000	39.2050	3.4952	1.00000
500	3.2440	-6.4626	1.0000	39.9992	3.5074	1.00000
600	3.3256	-6.5418	1.0000	40.6590	3.5270	1.00000

2

LOG P=-6.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
700	3.3955	-6.5087	1.0000	41.2300	3.5516	1.00000
800	3.4572	-6.5667	1.0000	41.7354	3.5817	1.00000
900	3.5121	-6.7178	1.0000	42.1917	3.6129	1.00000
1000	3.5619	-6.7636	1.0000	42.6062	3.6467	1.00000
1100	3.6071	-6.8050	1.0000	42.9885	3.6791	1.00000
1200	3.6488	-6.8428	1.0000	43.3445	3.7122	1.00000
1300	3.6874	-6.8776	1.0000	43.6756	3.7452	1.00000
1400	3.7234	-6.9097	1.0000	43.9866	3.7779	1.00000
1500	3.7623	-6.9404	1.0012	44.3304	3.8566	1.00115
1600	3.8061	-6.9698	1.0041	44.7251	3.9988	1.00410
1700	3.8661	-6.9997	1.0124	45.2982	4.3213	1.01243

LOG P=-6.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-5.6636	1.0000	34.1293	3.4806	1.00000
200	2.8434	-5.9646	1.0000	36.5484	3.4862	1.00000
300	3.0198	-6.1407	1.0000	37.9653	3.4891	1.00000
400	3.1455	-6.2657	1.0000	38.9750	3.4952	1.00000
500	3.2440	-6.3626	1.0000	39.7688	3.5074	1.00000
600	3.3256	-6.4418	1.0000	40.4290	3.5270	1.00000
700	3.3955	-6.5087	1.0000	41.0000	3.5516	1.00000
800	3.4572	-6.5667	1.0000	41.5052	3.5817	1.00000
900	3.5121	-6.6178	1.0000	41.9611	3.6129	1.00000
1000	3.5619	-6.6636	1.0000	42.3763	3.6467	1.00000
1100	3.6071	-6.7050	1.0000	42.7579	3.6791	1.00000
1200	3.6488	-6.7428	1.0000	43.1141	3.7122	1.00000
1300	3.6874	-6.7775	1.0000	43.4452	3.7452	1.00000
1400	3.7234	-6.8097	1.0000	43.7564	3.7779	1.00000
1500	3.7617	-6.8404	1.0010	44.0948	3.8515	1.00103
1600	3.8042	-6.8596	1.0037	44.4770	3.9819	1.00366
1700	3.8613	-6.8991	1.0111	45.0176	4.2737	1.01111
1800	3.9448	-6.9316	1.0290	45.8967	4.8925	1.02905
1900	4.0584	-6.9698	1.0647	47.3167	6.0205	1.06470

LOG P=-6.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-5.5636	1.0000	33.8991	3.4806	1.00000
200	2.8434	-5.8646	1.0000	36.3179	3.4862	1.00000
300	3.0198	-6.0407	1.0000	37.7348	3.4891	1.00000
400	3.1455	-6.1657	1.0000	38.7448	3.4952	1.00000
500	3.2440	-6.2625	1.0000	39.5388	3.5074	1.00000
600	3.3256	-6.3417	1.0000	40.1987	3.5270	1.00000
700	3.3955	-6.4087	1.0000	40.7700	3.5516	1.00000
800	3.4572	-6.4667	1.0000	41.2746	3.5817	1.00000
900	3.5121	-6.5178	1.0000	41.7305	3.6129	1.00000
1000	3.5619	-6.5636	1.0000	42.1461	3.6467	1.00000
1100	3.6071	-6.6050	1.0000	42.5274	3.6791	1.00000
1200	3.6488	-6.6428	1.0000	42.8836	3.7122	1.00000
1300	3.6874	-6.5775	1.0000	43.2146	3.7452	1.00000
1400	3.7234	-6.7097	1.0000	43.5259	3.7779	1.00000
1500	3.7612	-6.7403	1.0009	43.8597	3.8469	1.00091
1600	3.8026	-6.7594	1.0033	44.2308	3.9667	1.00326
1700	3.8569	-6.7986	1.0099	44.7423	4.2311	1.00992

LOG P=-6.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1800	3.9357	-6.8303	1.0261	45.5587	4.7911	1.02606
1900	4.0442	-6.8674	1.0587	46.8789	5.8270	1.05870
2000	4.1649	-6.9099	1.1093	48.6963	7.3095	1.10926
2100	4.2602	-6.9507	1.1605	50.4479	8.6691	1.16054
2200	4.3118	-6.9821	1.1909	51.5191	9.3195	1.19086

LOG P=-5.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-5.4536	1.0000	33.6685	3.4806	1.00000
200	2.8434	-5.7646	1.0000	36.0876	3.4862	1.00000
300	3.0198	-5.9407	1.0000	37.5046	3.4891	1.00000
400	3.1455	-6.0657	1.0000	38.5143	3.4952	1.00000
500	3.2440	-6.1625	1.0000	39.3087	3.5074	1.00000
600	3.3256	-6.2417	1.0000	39.9682	3.5270	1.00000
700	3.3955	-6.3087	1.0000	40.5395	3.5516	1.00000
800	3.4572	-6.3667	1.0000	41.0443	3.5817	1.00000
900	3.5121	-6.4178	1.0000	41.5001	3.6129	1.00000
1000	3.5619	-6.4636	1.0000	41.9155	3.6467	1.00000
1100	3.6071	-6.5050	1.0000	42.2974	3.6791	1.00000
1200	3.6489	-6.5428	1.0000	42.6533	3.7122	1.00000
1300	3.6974	-6.5775	1.0000	42.9842	3.7452	1.00000
1400	3.7234	-6.6097	1.0000	43.2953	3.7779	1.00000
1500	3.7607	-6.6403	1.0008	43.6252	3.8429	1.00081
1600	3.8011	-6.6692	1.0029	43.9863	3.9532	1.00291
1700	3.8530	-6.6981	1.0089	44.4717	4.1929	1.00886
1800	3.9273	-6.7292	1.0234	45.2311	4.6996	1.02337
1900	4.0307	-6.7551	1.0531	46.4568	5.6481	1.05314
2000	4.1496	-6.8067	1.1010	48.1894	7.0569	1.10099
2100	4.2494	-6.8480	1.1532	49.9681	8.4556	1.15319
2200	4.3069	-6.8807	1.1870	51.1407	9.2148	1.18705
2300	4.3341	-6.9052	1.2013	51.7247	9.3836	1.20126
2400	4.3490	-6.9255	1.2063	52.0459	9.3066	1.20633
2500	4.3599	-6.9440	1.2082	52.2773	9.1613	1.20824
2600	4.3695	-6.9513	1.2092	52.4789	9.0066	1.20917
2700	4.3790	-6.9780	1.2099	52.6739	8.8640	1.20990
2800	4.3890	-6.9941	1.2109	52.8762	8.7467	1.21089

LOG P=-5.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-5.3636	1.0000	33.4382	3.4806	1.00000
200	2.8434	-5.5646	1.0000	35.9576	3.4862	1.00000
300	3.0198	-5.8407	1.0000	37.2746	3.4891	1.00000
400	3.1455	-5.9657	1.0000	38.2840	3.4952	1.00000
500	3.2440	-6.0526	1.0000	39.0782	3.5074	1.00000
600	3.3256	-6.1417	1.0000	39.7379	3.5270	1.00000
700	3.3955	-6.2087	1.0000	40.3090	3.5516	1.00000
800	3.4572	-6.2667	1.0000	40.8143	3.5817	1.00000
900	3.5121	-6.3178	1.0000	41.2700	3.6129	1.00000
1000	3.5619	-6.3636	1.0000	41.6852	3.6467	1.00000
1100	3.6071	-6.4050	1.0000	42.0674	3.6791	1.00000
1200	3.6488	-6.4428	1.0000	42.4234	3.7122	1.00000
1300	3.6874	-6.4775	1.0000	42.7543	3.7452	1.00000
1400	3.7234	-6.5097	1.0000	43.0653	3.7779	1.00000

LOG P=-5.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1500	3.7603	-6.5403	1.0007	43.3911	3.8392	1.00073
1600	3.7997	-6.5591	1.0026	43.7434	3.9412	1.00260
1700	3.8494	-6.5977	1.0079	44.2053	4.1587	1.00792
1800	3.9196	-6.6281	1.0209	44.9131	4.6170	1.02094
1900	4.0178	-6.6630	1.0480	46.0501	5.4833	1.04802
2000	4.1343	-6.7035	1.0930	47.6921	6.8120	1.09299
2100	4.2375	-6.7450	1.1454	49.4767	8.2287	1.14537
2200	4.3011	-6.7791	1.1826	50.7458	9.0928	1.18261
2300	4.3319	-6.8045	1.1994	51.4007	9.3360	1.19942
2400	4.3482	-6.8253	1.2056	51.7504	9.2888	1.20560
2500	4.3595	-6.8438	1.2079	51.9914	9.1536	1.20791
2600	4.3693	-6.8512	1.2090	52.1959	9.0019	1.20898
2700	4.3788	-6.8779	1.2097	52.3904	8.8591	1.20973
2800	4.3886	-6.8940	1.2107	52.5897	8.7389	1.21067
2900	4.3995	-6.9098	1.2122	52.8082	8.6524	1.21219
3000	4.4125	-6.9255	1.2149	53.0658	8.6171	1.21487
3100	4.4289	-6.9414	1.2195	53.3919	8.6606	1.21955
3200	4.4506	-6.9580	1.2275	53.8282	8.8195	1.22747
3300	4.4799	-6.9760	1.2405	54.4339	9.1492	1.24049
3400	4.5193	-6.9961	1.2612	55.2881	9.7230	1.26116

LOG P=-5.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-5.2636	1.0000	33.2083	3.4806	1.00000
200	2.8434	-5.5646	1.0000	35.6275	3.4862	1.00000
300	3.0198	-5.7407	1.0000	37.0443	3.4891	1.00000
400	3.1455	-5.8557	1.0000	38.0540	3.4952	1.00000
500	3.2440	-5.9526	1.0000	38.8479	3.5074	1.00000
600	3.3256	-6.0417	1.0000	39.5080	3.5270	1.00000
700	3.3955	-6.1087	1.0000	40.0789	3.5516	1.00000
800	3.4572	-6.1667	1.0000	40.5842	3.5817	1.00000
900	3.5121	-6.2178	1.0000	41.0400	3.6129	1.00000
1000	3.5619	-6.2636	1.0000	41.4552	3.6467	1.00000
1100	3.6071	-6.3050	1.0000	41.8370	3.6791	1.00000
1200	3.6488	-6.3428	1.0000	42.1931	3.7122	1.00000
1300	3.6874	-6.3775	1.0000	42.5242	3.7452	1.00000
1400	3.7234	-6.4097	1.0000	42.8353	3.7779	1.00000
1500	3.7600	-6.4402	1.0006	43.1575	3.8360	1.00065
1600	3.7986	-6.4590	1.0023	43.5018	3.9304	1.00231
1700	3.8462	-6.4974	1.0071	43.9428	4.1281	1.00707
1800	3.9126	-6.5272	1.0188	44.6039	4.5425	1.01875
1900	4.0057	-6.5610	1.0433	45.6581	5.3321	1.04332
2000	4.1191	-6.6004	1.0853	47.2061	6.5769	1.08529
2100	4.2249	-6.6419	1.1372	48.9772	7.9920	1.13721
2200	4.2944	-6.6772	1.1775	50.3345	8.9533	1.17754
2300	4.3292	-6.7038	1.1972	51.0673	9.2787	1.19721
2400	4.3472	-6.7249	1.2047	51.4512	9.2671	1.20470
2500	4.3591	-6.7437	1.2075	51.7042	9.1446	1.20752
2600	4.3691	-6.7612	1.2088	51.9124	8.9968	1.20876
2700	4.3785	-6.7778	1.2096	52.1070	8.8543	1.20956
2800	4.3883	-6.7940	1.2105	52.3038	8.7317	1.21045
2900	4.3989	-6.8097	1.2118	52.5164	8.6397	1.21185
3000	4.4113	-6.8253	1.2143	52.7632	8.5942	1.21425
3100	4.4269	-6.8410	1.2184	53.0704	8.6197	1.21844

LOG P=-5.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3200	4.4471	-6.8573	1.2255	53.4754	8.7490	1.22552
3300	4.4743	-6.8748	1.2371	54.0312	9.0318	1.23714
3400	4.5107	-6.8942	1.2556	54.8093	9.5338	1.25563
3500	4.5584	-6.9165	1.2840	55.8984	10.3353	1.28398
3600	4.6183	-6.9427	1.3259	57.4037	11.5339	1.32593
3700	4.6892	-6.9736	1.3852	59.4218	13.2140	1.38519

LOG P=-5.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-5.1636	1.0000	32.9781	3.4806	1.00000
200	2.8434	-5.4646	1.0000	35.3970	3.4862	1.00000
300	3.0198	-5.6407	1.0000	36.9138	3.4891	1.00000
400	3.1455	-5.7657	1.0000	37.8238	3.4952	1.00000
500	3.2440	-5.8626	1.0000	38.6179	3.5074	1.00000
600	3.3256	-5.9417	1.0000	39.2777	3.5270	1.00000
700	3.3955	-6.0387	1.0000	39.8490	3.5516	1.00000
800	3.4572	-6.0667	1.0000	40.3537	3.5817	1.00000
900	3.5121	-6.1178	1.0000	40.8096	3.6129	1.00000
1000	3.5619	-6.1636	1.0000	41.2251	3.6467	1.00000
1100	3.6071	-6.2050	1.0000	41.6065	3.6791	1.00000
1200	3.6488	-6.2428	1.0000	41.9626	3.7122	1.00000
1300	3.6874	-6.2775	1.0000	42.2937	3.7452	1.00000
1400	3.7234	-6.3097	1.0000	42.6049	3.7779	1.00000
1500	3.7596	-6.3402	1.0006	42.9242	3.8331	1.00058
1600	3.7975	-6.3689	1.0021	43.2614	3.9208	1.00206
1700	3.8433	-6.3970	1.0063	43.6837	4.1008	1.00631
1800	3.9061	-6.4264	1.0168	44.3026	4.4756	1.01678
1900	3.9942	-6.4592	1.0390	45.2802	5.1939	1.03903
2000	4.1041	-6.4975	1.0780	46.7338	6.3536	1.07799
2100	4.2114	-6.5387	1.1288	48.4730	7.7487	1.12383
2200	4.2867	-6.5751	1.1718	49.9066	8.7959	1.17182
2300	4.3260	-6.6028	1.1946	50.7231	9.2097	1.19457
2400	4.3459	-6.6245	1.2036	51.1473	9.2405	1.20361
2500	4.3586	-6.6435	1.2070	51.4152	9.1335	1.20704
2600	4.3688	-6.6511	1.2085	51.6282	8.9910	1.20850
2700	4.3783	-6.6778	1.2094	51.8236	8.8493	1.20937
2800	4.3879	-6.6939	1.2102	52.0184	8.7251	1.21025
2900	4.3983	-6.7096	1.2115	52.2260	8.6282	1.21153
3000	4.4103	-6.7251	1.2137	52.4631	8.5736	1.21370
3100	4.4250	-6.7407	1.2174	52.7534	8.5832	1.21744
3200	4.4440	-6.7567	1.2238	53.1304	8.6861	1.22377
3300	4.4692	-6.7737	1.2342	53.6417	8.9268	1.23415
3400	4.5030	-6.7925	1.2507	54.3514	9.3646	1.25067
3500	4.5472	-6.8138	1.2760	55.3402	10.0720	1.27605
3600	4.6032	-6.8387	1.3137	56.7058	11.1400	1.31374
3700	4.6704	-6.8679	1.3674	58.5437	12.6526	1.36736
3800	4.7462	-6.9020	1.4399	60.9234	14.6699	1.43991
3900	4.8251	-6.9399	1.5310	63.8079	17.1427	1.53105
4000	4.8999	-6.9793	1.6345	66.9872	19.8539	1.63449

LOG P=-5.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-5.0636	1.0000	32.7475	3.4806	1.00000

LOG P=-5.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8434	-5.3646	1.0000	35.1664	3.4862	1.00000
300	3.0198	-5.5407	1.0000	36.5836	3.4891	1.00000
400	3.1455	-5.6657	1.0000	37.5933	3.4952	1.00000
500	3.2440	-5.7626	1.0000	38.3877	3.5074	1.00000
600	3.3256	-5.8417	1.0000	39.0472	3.5270	1.00000
700	3.3955	-5.9087	1.0000	39.6185	3.5516	1.00000
800	3.4572	-5.9667	1.0000	40.1233	3.5817	1.00000
900	3.5121	-6.0178	1.0000	40.5791	3.6129	1.00000
1000	3.5619	-6.0536	1.0000	40.9946	3.6467	1.00000
1100	3.6071	-6.1050	1.0000	41.3764	3.6791	1.00000
1200	3.6488	-6.1428	1.0000	41.7323	3.7122	1.00000
1300	3.6874	-6.1775	1.0000	42.0633	3.7452	1.00000
1400	3.7234	-6.2097	1.0000	42.3744	3.7779	1.00000
1500	3.7594	-6.2402	1.0005	42.6913	3.8306	1.00051
1600	3.7965	-6.2688	1.0018	43.0222	3.9122	1.00184
1700	3.8407	-6.2967	1.0056	43.4276	4.0764	1.00563
1800	3.9002	-6.3256	1.0150	44.0085	4.4154	1.01501
1900	3.9836	-6.3576	1.0351	44.9154	5.0679	1.03512
2000	4.0894	-6.3947	1.0711	46.2756	6.1429	1.07109
2100	4.1974	-6.4354	1.1204	47.9678	7.5024	1.12036
2200	4.2780	-6.4728	1.1655	49.4621	8.6205	1.16547
2300	4.3221	-6.5016	1.1914	50.3665	9.1280	1.19143
2400	4.3444	-6.5241	1.2023	50.8380	9.2081	1.20229
2500	4.3579	-6.5433	1.2065	51.1240	9.1202	1.20646
2600	4.3685	-6.5610	1.2082	51.3433	8.9843	1.20821
2700	4.3780	-6.5777	1.2092	51.5401	8.8442	1.20917
2800	4.3876	-6.5938	1.2100	51.7334	8.7187	1.21004
2900	4.3978	-6.6095	1.2112	51.9366	8.6178	1.21124
3000	4.4093	-6.6249	1.2132	52.1653	8.5550	1.21320
3100	4.4234	-6.6404	1.2166	52.4406	8.5507	1.21655
3200	4.4412	-6.6561	1.2222	52.7926	8.6299	1.22220
3300	4.4646	-6.6728	1.2315	53.2641	8.8332	1.23148
3400	4.4959	-6.6909	1.2462	53.9126	9.2132	1.24623
3500	4.5369	-6.7114	1.2689	54.8112	9.8361	1.26895
3600	4.5891	-6.7350	1.3028	56.0499	10.7855	1.30277
3700	4.6525	-6.7628	1.3512	57.7212	12.1435	1.35117
3800	4.7253	-6.7951	1.4174	59.9038	13.9792	1.41739
3900	4.8027	-6.8316	1.5022	62.5953	16.2789	1.50218
4000	4.8783	-6.8704	1.6014	65.6497	18.8889	1.60142
4100	4.9449	-6.9082	1.7045	68.7443	21.4855	1.70450
4200	4.9973	-6.9416	1.7969	71.4683	23.6640	1.79687
4300	5.0344	-6.9688	1.8683	73.5559	25.1749	1.86827
4400	5.0586	-6.9899	1.9168	74.9831	26.0125	1.91680

LOG P=-5.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-4.9636	1.0000	32.5172	3.4806	1.00000
200	2.8434	-5.2646	1.0000	34.9359	3.4862	1.00000
300	3.0198	-5.4407	1.0000	36.3537	3.4891	1.00000
400	3.1455	-5.5657	1.0000	37.3630	3.4952	1.00000
500	3.2440	-5.6526	1.0000	38.1572	3.5074	1.00000
600	3.3256	-5.7417	1.0000	38.8170	3.5270	1.00000
700	3.3955	-5.8087	1.0000	39.3880	3.5516	1.00000
800	3.4572	-5.8667	1.0000	39.8934	3.5817	1.00000

LOG P=-5.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
900	3.5121	-5.9178	1.0000	40.3490	3.6129	1.00000
1000	3.5619	-5.9636	1.0000	40.7642	3.6467	1.00000
1100	3.6071	-6.0050	1.0000	41.1464	3.6791	1.00000
1200	3.6488	-6.0428	1.0000	41.5024	3.7122	1.00000
1300	3.6874	-6.0775	1.0000	41.8333	3.7452	1.00000
1400	3.7234	-6.1097	1.0000	42.1443	3.7779	1.00000
1500	3.7591	-6.1401	1.0005	42.4586	3.8283	1.00046
1600	3.7957	-6.1687	1.0016	42.7839	3.9046	1.00164
1700	3.8384	-6.1965	1.0050	43.1743	4.0546	1.00503
1800	3.8949	-6.2249	1.0134	43.7210	4.3614	1.01342
1900	3.9737	-6.2561	1.0316	44.5631	4.9535	1.03157
2000	4.0752	-6.2921	1.0646	45.8327	5.9458	1.06465
2100	4.1830	-6.3321	1.1119	47.4651	7.2567	1.11191
2200	4.2682	-6.3702	1.1585	49.0030	8.4289	1.15853
2300	4.3175	-6.4003	1.1877	49.9964	9.0317	1.18775
2400	4.3425	-6.4235	1.2007	50.5219	9.1687	1.20070
2500	4.3572	-6.4431	1.2058	50.8302	9.1040	1.20575
2600	4.3681	-6.4508	1.2079	51.0574	8.9765	1.20785
2700	4.3778	-6.4776	1.2090	51.2563	8.8389	1.20895
2800	4.3873	-6.4937	1.2098	51.4487	8.7126	1.20983
2900	4.3973	-6.5094	1.2110	51.6482	8.6083	1.21095
3000	4.4085	-6.5248	1.2127	51.8694	8.5386	1.21274
3100	4.4219	-6.5401	1.2157	52.1314	8.5214	1.21575
3200	4.4386	-6.5556	1.2208	52.4612	8.5798	1.22080
3300	4.4605	-6.5720	1.2291	52.8972	8.7494	1.22909
3400	4.4895	-6.5896	1.2423	53.4909	9.0780	1.24227
3500	4.5275	-6.6092	1.2626	54.3086	9.6248	1.26259
3600	4.5761	-6.6317	1.2929	55.4325	10.4668	1.29291
3700	4.6357	-6.6580	1.3365	56.9506	11.6822	1.33652
3800	4.7051	-6.6888	1.3967	58.9462	13.3457	1.39673
3900	4.7805	-6.7237	1.4751	61.4426	15.4687	1.47509
4000	4.8562	-6.7616	1.5693	64.3480	17.9515	1.56932
4100	4.9252	-6.7996	1.6711	67.4048	20.5334	1.67112
4200	4.9818	-6.8344	1.7670	70.2278	22.8333	1.76704
4300	5.0235	-6.8634	1.8453	72.5021	24.5487	1.84526
4400	5.0515	-6.8863	1.9009	74.1215	25.5903	1.90095
4500	5.0695	-6.9042	1.9371	75.1931	26.0803	1.93707
4600	5.0810	-6.9187	1.9592	75.8821	26.1944	1.95917
4700	5.0885	-6.9310	1.9724	76.3363	26.0864	1.97244
4800	5.0938	-6.9419	1.9805	76.6548	25.8579	1.98050
4900	5.0979	-6.9519	1.9856	76.8981	25.5712	1.98561
5000	5.1014	-6.9615	1.9891	77.1014	25.2611	1.98911
5100	5.1046	-6.9707	1.9918	77.2880	24.9504	1.99182
5200	5.1078	-6.9796	1.9943	77.4699	24.6511	1.99429
5300	5.1112	-6.9885	1.9969	77.6577	24.3723	1.99687
5400	5.1148	-6.9972	1.9999	77.8589	24.1207	1.99985

LOG P=-5.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-4.8536	1.0000	32.2873	3.4806	1.00000
200	2.8434	-5.1646	1.0000	34.7056	3.4862	1.00000
300	3.0198	-5.3407	1.0000	36.1234	3.4891	1.00000
400	3.1455	-5.4657	1.0000	37.1330	3.4952	1.00000
500	3.2440	-5.5626	1.0000	37.9269	3.5074	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
600	3.3256	-5.5417	1.0000	38.5870	3.5270	1.00000
700	3.3955	-5.7087	1.0000	39.1580	3.5516	1.00000
800	3.4572	-5.7667	1.0000	39.6632	3.5817	1.00000
900	3.5121	-5.8178	1.0000	40.1190	3.6129	1.00000
1000	3.5619	-5.8636	1.0000	40.5343	3.6467	1.00000
1100	3.6071	-5.9050	1.0000	40.9160	3.6791	1.00000
1200	3.6488	-5.9428	1.0000	41.2721	3.7122	1.00000
1300	3.6874	-5.9775	1.0000	41.6032	3.7452	1.00000
1400	3.7234	-6.0097	1.0000	41.9144	3.7779	1.00000
1500	3.7589	-6.0401	1.0004	42.2263	3.8262	1.00041
1600	3.7949	-6.0586	1.0015	42.5464	3.8978	1.00146
1700	3.8363	-6.0962	1.0045	42.9234	4.0351	1.00449
1800	3.8900	-6.1243	1.0120	43.4394	4.3130	1.01200
1900	3.9645	-6.1547	1.0283	44.2221	4.8497	1.02835
2000	4.0616	-6.1896	1.0586	45.4047	5.7622	1.05864
2100	4.1682	-6.2289	1.1036	46.9680	7.0147	1.10358
2200	4.2574	-6.2574	1.1511	48.5307	8.2226	1.15107
2300	4.3121	-6.2987	1.1835	49.6112	8.9196	1.18347
2400	4.3403	-6.3228	1.1988	50.1982	9.1212	1.19877
2500	4.3562	-6.3427	1.2049	50.5330	9.0844	1.20491
2600	4.3676	-6.3607	1.2074	50.7701	8.9673	1.20744
2700	4.3775	-6.3775	1.2087	50.9721	8.8330	1.20870
2800	4.3870	-6.3937	1.2096	51.1642	8.7066	1.20961
2900	4.3969	-6.4093	1.2107	51.3606	8.5994	1.21068
3000	4.4077	-6.4246	1.2123	51.5752	8.5235	1.21232
3100	4.4205	-6.4398	1.2150	51.8254	8.4953	1.21503
3200	4.4364	-6.4552	1.2195	52.1355	8.5349	1.21954
3300	4.4568	-6.4712	1.2269	52.5397	8.6748	1.22695
3400	4.4837	-6.4883	1.2387	53.0844	8.9572	1.23872
3500	4.5188	-6.5072	1.2569	53.8293	9.4357	1.25689
3600	4.5641	-6.5287	1.2841	54.8496	10.1807	1.28406
3700	4.6200	-6.5537	1.3233	56.2279	11.2657	1.32329
3800	4.6859	-6.5828	1.3778	58.0479	12.7667	1.37784
3900	4.7588	-6.6162	1.4498	60.3510	14.7140	1.44985
4000	4.8338	-6.5530	1.5385	63.0898	17.0509	1.53845
4100	4.9046	-6.5908	1.6376	66.0694	19.5782	1.63760
4200	4.9648	-6.7265	1.7355	68.9459	21.9541	1.73547
4300	5.0109	-6.7573	1.8195	71.3806	23.8493	1.81954
4400	5.0431	-6.7820	1.8824	73.1926	25.0975	1.88241
4500	5.0642	-6.8014	1.9248	74.4287	25.7611	1.92481
4600	5.0777	-6.8170	1.9514	75.2333	25.9961	1.95141
4700	5.0865	-6.8299	1.9676	75.7605	25.9640	1.96760
4800	5.0925	-6.8412	1.9774	76.1224	25.7813	1.97744
4900	5.0971	-6.8515	1.9836	76.3904	25.5204	1.98360
5000	5.1008	-6.8612	1.9877	76.6068	25.2243	1.98769
5100	5.1041	-6.8704	1.9907	76.7989	24.9200	1.99069
5200	5.1073	-6.8794	1.9933	76.9812	24.6215	1.99326
5300	5.1106	-6.8882	1.9958	77.1653	24.3397	1.99580
5400	5.1141	-6.8970	1.9986	77.3595	24.0817	1.99860
5500	5.1179	-6.9057	2.0019	77.5708	23.8536	2.00195
5600	5.1222	-6.9144	2.0061	77.8061	23.6609	2.00607
5700	5.1271	-6.9232	2.0112	78.0727	23.5100	2.01124
5800	5.1328	-6.9321	2.0178	78.3783	23.4074	2.01775
5900	5.1393	-6.9413	2.0259	78.7318	23.3609	2.02594
6000	5.1470	-6.9508	2.0361	79.1428	23.3788	2.03615

LOG P=-5.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6100	5.1559	-6.9607	2.0488	79.6228	23.4717	2.04885
6200	5.1662	-6.9711	2.0645	80.1845	23.6504	2.06451
6300	5.1782	-6.9820	2.0837	80.8417	23.9272	2.08370
6400	5.1921	-6.9937	2.1070	81.6101	24.3159	2.10706

LOG P=-5.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-4.7636	1.0000	32.0571	3.4806	1.00000
200	2.8434	-5.0646	1.0000	34.4756	3.4862	1.00000
300	3.0198	-5.2407	1.0000	35.8929	3.4891	1.00000
400	3.1455	-5.3657	1.0000	36.9028	3.4952	1.00000
500	3.2440	-5.4626	1.0000	37.6969	3.5074	1.00000
600	3.3256	-5.5418	1.0000	38.3567	3.5270	1.00000
700	3.3955	-5.6087	1.0000	38.9280	3.5516	1.00000
800	3.4572	-5.6667	1.0000	39.4327	3.5817	1.00000
900	3.5121	-5.7178	1.0000	39.8886	3.6129	1.00000
1000	3.5619	-5.7536	1.0000	40.3041	3.6467	1.00000
1100	3.6071	-5.8050	1.0000	40.6855	3.6791	1.00000
1200	3.6488	-5.8428	1.0000	41.0416	3.7122	1.00000
1300	3.6874	-5.8775	1.0000	41.3727	3.7452	1.00000
1400	3.7234	-5.9097	1.0000	41.6839	3.7779	1.00000
1500	3.7587	-5.9401	1.0004	41.9940	3.8244	1.00036
1600	3.7943	-5.9685	1.0013	42.3098	3.8917	1.00130
1700	3.8344	-5.9960	1.0040	42.6748	4.0177	1.00400
1800	3.8857	-6.0238	1.0107	43.1631	4.2695	1.01072
1900	3.9560	-6.0535	1.0254	43.8918	4.7559	1.02544
2000	4.0486	-6.0874	1.0531	44.9918	5.5925	1.05309
2100	4.1534	-6.1257	1.0955	46.4795	6.7793	1.09549
2200	4.2458	-6.1544	1.1432	48.0485	8.0044	1.14319
2300	4.3058	-6.1969	1.1786	49.2106	8.7909	1.17857
2400	4.3375	-6.2220	1.1965	49.8652	9.0640	1.19646
2500	4.3551	-6.2424	1.2039	50.2318	9.0606	1.20388
2600	4.3671	-6.2605	1.2069	50.4812	8.9564	1.20694
2700	4.3772	-6.2774	1.2084	50.6873	8.8265	1.20841
2800	4.3867	-6.2936	1.2094	50.8797	8.7006	1.20939
2900	4.3965	-6.3092	1.2104	51.0736	8.5912	1.21042
3000	4.4070	-6.3245	1.2119	51.2824	8.5099	1.21192
3100	4.4193	-6.3396	1.2144	51.5222	8.4718	1.21437
3200	4.4343	-6.3548	1.2184	51.8147	8.4948	1.21842
3300	4.4534	-6.3705	1.2250	52.1906	8.6079	1.22503
3400	4.4784	-6.3872	1.2356	52.6917	8.8492	1.23555
3500	4.5110	-6.4054	1.2518	53.3715	9.2665	1.25179
3600	4.5530	-6.4260	1.2761	54.2984	9.9241	1.27611
3700	4.6052	-6.4498	1.3114	55.5492	10.8903	1.31136
3800	4.6676	-6.4774	1.3607	57.2063	12.2405	1.36068
3900	4.7377	-6.5092	1.4265	59.3225	14.0166	1.42653
4000	4.8115	-6.5446	1.5091	61.8836	16.1956	1.50914
4100	4.8831	-6.5820	1.6045	64.7523	18.6348	1.60447
4200	4.9463	-6.6182	1.7027	67.6382	21.0425	1.70270
4300	4.9968	-6.6505	1.7915	70.2009	23.0854	1.79146
4400	5.0332	-6.6771	1.8612	72.1977	24.5339	1.86123
4500	5.0578	-6.6982	1.9103	73.6088	25.3832	1.91029
4600	5.0736	-6.7149	1.9420	74.5449	25.7563	1.94201
4700	5.0840	-6.7286	1.9617	75.1590	25.8153	1.96166

10

LOG P=-5.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4800	5.0910	-6.7404	1.9737	75.5742	25.6882	1.97369
4900	5.0961	-6.7510	1.9812	75.8735	25.4599	1.98116
5000	5.1001	-6.7608	1.9860	76.1070	25.1821	1.98602
5100	5.1035	-6.7701	1.9894	76.3074	24.8866	1.98944
5200	5.1068	-6.7792	1.9922	76.4921	24.5913	1.99218
5300	5.1100	-6.7880	1.9947	76.6743	24.3081	1.99473
5400	5.1134	-6.7967	1.9974	76.8629	24.0451	1.99741
5500	5.1171	-6.8054	2.0005	77.0652	23.8087	2.00051
5600	5.1212	-6.8140	2.0043	77.2879	23.6045	2.00427
5700	5.1258	-6.8227	2.0089	77.5377	23.4379	2.00893
5800	5.1311	-6.8315	2.0148	77.8219	23.3151	2.01477
5900	5.1372	-6.8405	2.0221	78.1483	23.2433	2.02209
6000	5.1442	-6.8498	2.0312	78.5260	23.2302	2.03121
6100	5.1524	-6.8593	2.0425	78.9647	23.2847	2.04254
6200	5.1619	-6.8694	2.0565	79.4764	23.4167	2.05652
6300	5.1729	-6.8799	2.0736	80.0731	23.6372	2.07363
6400	5.1856	-6.8911	2.0945	80.7690	23.9583	2.09449
6500	5.2002	-6.9030	2.1197	81.5796	24.3941	2.11969
6600	5.2168	-6.9158	2.1499	82.5216	24.9595	2.14996
6700	5.2355	-6.9296	2.1860	83.6123	25.6697	2.18607
6800	5.2564	-6.9444	2.2288	84.8695	26.5404	2.22881
6900	5.2796	-6.9604	2.2790	86.3113	27.5872	2.27902
7000	5.3049	-6.9777	2.3374	87.9541	28.8244	2.33748
7100	5.3322	-6.9962	2.4048	89.8099	30.2621	2.40487

LOG P=-5.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-4.6636	1.0000	31.8266	3.4805	1.00000
200	2.8434	-4.9646	1.0000	34.2455	3.4862	1.00000
300	3.0198	-5.1407	1.0000	35.6623	3.4891	1.00000
400	3.1455	-5.2657	1.0000	36.6723	3.4952	1.00000
500	3.2440	-5.3626	1.0000	37.4667	3.5074	1.00000
600	3.3256	-5.4418	1.0000	38.1262	3.5270	1.00000
700	3.3955	-5.5087	1.0000	38.6975	3.5515	1.00000
800	3.4572	-5.5667	1.0000	39.2023	3.5817	1.00000
900	3.5121	-5.6178	1.0000	39.6581	3.6129	1.00000
1000	3.5619	-5.6636	1.0000	40.0736	3.6467	1.00000
1100	3.6071	-5.7050	1.0000	40.4554	3.6791	1.00000
1200	3.6488	-5.7428	1.0000	40.8113	3.7122	1.00000
1300	3.6874	-5.7775	1.0000	41.1423	3.7452	1.00000
1400	3.7234	-5.8097	1.0000	41.4534	3.7779	1.00000
1500	3.7585	-5.8401	1.0003	41.7621	3.8228	1.00032
1600	3.7937	-5.8585	1.0012	42.0738	3.8863	1.00116
1700	3.8327	-5.8958	1.0036	42.4281	4.0021	1.00357
1800	3.8817	-5.9233	1.0096	42.8916	4.2307	1.00958
1900	3.9482	-5.9524	1.0228	43.5712	4.6711	1.02280
2000	4.0363	-5.9852	1.0480	44.5935	5.4360	1.04798
2100	4.1386	-6.0226	1.0877	46.0014	6.5526	1.08770
2200	4.2333	-6.0613	1.1350	47.5592	7.7774	1.13499
2300	4.2985	-6.0949	1.1730	48.7938	8.6449	1.17302
2400	4.3342	-6.1210	1.1937	49.5217	8.9957	1.19371
2500	4.3537	-6.1419	1.2026	49.9257	9.0316	1.20264
2600	4.3665	-6.1503	1.2064	50.1903	8.9433	1.20635
2700	4.3768	-6.1773	1.2081	50.4017	8.8191	1.20808

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2800	4.3864	-6.1935	1.2091	50.5951	8.6944	1.20914
2900	4.3961	-6.2091	1.2102	50.7871	8.5834	1.21016
3000	4.4064	-6.2243	1.2116	50.9910	8.4975	1.21155
3100	4.4183	-6.2394	1.2138	51.2215	8.4507	1.21377
3200	4.4325	-6.2544	1.2174	51.4984	8.4589	1.21741
3300	4.4504	-6.2699	1.2233	51.8491	8.5483	1.22331
3400	4.4736	-6.2862	1.2327	52.3111	8.7528	1.23272
3500	4.5038	-6.3039	1.2472	52.9325	9.1153	1.24722
3600	4.5428	-6.3236	1.2690	53.7754	9.6941	1.26899
3700	4.5916	-6.3462	1.3006	54.9108	10.5526	1.30062
3800	4.6503	-6.3724	1.3451	56.4176	11.7632	1.34512
3900	4.7174	-6.4026	1.4051	58.3553	13.3754	1.40507
4000	4.7893	-6.4356	1.4816	60.7351	15.3915	1.48157
4100	4.8612	-6.4732	1.5722	63.4684	17.7162	1.57223
4200	4.9267	-6.5096	1.6693	66.3201	20.1122	1.66928
4300	4.9811	-6.5431	1.7613	68.9712	22.2644	1.76129
4400	5.0218	-6.5715	1.8374	71.1373	23.8991	1.83738
4500	5.0501	-6.5943	1.8933	72.7289	24.9408	1.89333
4600	5.0687	-6.6123	1.9307	73.8106	25.4677	1.93072
4700	5.0809	-6.6270	1.9544	74.5261	25.6333	1.95440
4800	5.0890	-6.6394	1.9691	75.0060	25.5737	1.96907
4900	5.0948	-6.6503	1.9782	75.3441	25.3862	1.97817
5000	5.0992	-6.6604	1.9840	75.6002	25.1323	1.98401
5100	5.1029	-6.6598	1.9880	75.8123	24.8494	1.98799
5200	5.1062	-6.6789	1.9910	76.0018	24.5596	1.99100
5300	5.1095	-6.6878	1.9936	76.1839	24.2770	1.99364
5400	5.1128	-6.6965	1.9963	76.3686	24.0107	1.99625
5500	5.1163	-6.7051	1.9992	76.5635	23.7675	1.99917
5600	5.1202	-6.7136	2.0026	76.7753	23.5531	2.00262
5700	5.1246	-6.7222	2.0068	77.0105	23.3730	2.00684
5800	5.1295	-6.7309	2.0121	77.2757	23.2327	2.01209
5900	5.1352	-6.7398	2.0186	77.5782	23.1386	2.01864
6000	5.1417	-6.7488	2.0268	77.9260	23.0973	2.02679
6100	5.1493	-6.7581	2.0369	78.3281	23.1177	2.03690
6200	5.1580	-6.7579	2.0494	78.7950	23.2079	2.04937
6300	5.1681	-6.7780	2.0646	79.3376	23.3781	2.06464
6400	5.1798	-6.7888	2.0832	79.9687	23.6391	2.08324
6500	5.1932	-6.8002	2.1057	80.7023	24.0035	2.10574
6600	5.2084	-6.8123	2.1327	81.5534	24.4845	2.13277
6700	5.2257	-6.8254	2.1650	82.5378	25.0962	2.16503
6800	5.2450	-6.8394	2.2032	83.6723	25.8533	2.20327
6900	5.2665	-6.8545	2.2482	84.9741	26.7712	2.24827
7000	5.2901	-6.8708	2.3007	86.4592	27.8634	2.30080
7100	5.3158	-6.8883	2.3615	88.1411	29.1411	2.36155
7200	5.3433	-6.9070	2.4311	90.0313	30.6140	2.43116
7300	5.3723	-6.9268	2.5098	92.1332	32.2822	2.50996
7400	5.4025	-6.9477	2.5978	94.4423	34.1400	2.59797
7500	5.4334	-6.9694	2.6945	96.9418	36.1682	2.69471
7600	5.4644	-6.9917	2.7990	99.6026	38.3355	2.79919

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-4.5536	1.0000	31.5962	3.4805	1.00000
200	2.8434	-4.8546	1.0000	34.0149	3.4862	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.0198	-5.0407	1.0000	35.4318	3.4891	1.00000
400	3.1455	-5.1657	1.0000	36.4420	3.4952	1.00000
500	3.2440	-5.2525	1.0000	37.2361	3.5074	1.00000
600	3.3256	-5.3417	1.0000	37.8960	3.5270	1.00000
700	3.3955	-5.4087	1.0000	38.4670	3.5516	1.00000
800	3.4572	-5.4667	1.0000	38.9723	3.5817	1.00000
900	3.5121	-5.5178	1.0000	39.4280	3.6129	1.00000
1000	3.5619	-5.5636	1.0000	39.8432	3.6467	1.00000
1100	3.6071	-5.6050	1.0000	40.2254	3.6791	1.00000
1200	3.6488	-5.6428	1.0000	40.5814	3.7122	1.00000
1300	3.6874	-5.6775	1.0000	40.9122	3.7452	1.00000
1400	3.7234	-5.7097	1.0000	41.2233	3.7779	1.00000
1500	3.7583	-5.7401	1.0003	41.5303	3.8214	1.00029
1600	3.7931	-5.7684	1.0010	41.8385	3.8815	1.00104
1700	3.8312	-5.7957	1.0032	42.1832	3.9882	1.00318
1800	3.8781	-5.8228	1.0086	42.6244	4.1958	1.00856
1900	3.9410	-5.8514	1.0204	43.2596	4.5946	1.02042
2000	4.0247	-5.8833	1.0433	44.2093	5.2926	1.04328
2100	4.1241	-5.9196	1.0803	45.5358	6.3366	1.08027
2200	4.2201	-5.9580	1.1266	47.0664	7.5450	1.12659
2300	4.2902	-5.9926	1.1668	48.3617	8.4821	1.16684
2400	4.3303	-6.0198	1.1905	49.1663	8.9147	1.19046
2500	4.3520	-6.0414	1.2011	49.6139	8.9965	1.20114
2600	4.3657	-6.0500	1.2056	49.8968	8.9276	1.20564
2700	4.3764	-6.0772	1.2077	50.1152	8.8108	1.20769
2800	4.3861	-6.0934	1.2089	50.3103	8.6881	1.20888
2900	4.3957	-6.1090	1.2099	50.5011	8.5760	1.20990
3000	4.4058	-6.1242	1.2112	50.7007	8.4861	1.21121
3100	4.4173	-6.1392	1.2132	50.9231	8.4316	1.21322
3200	4.4308	-6.1541	1.2165	51.1860	8.4268	1.21649
3300	4.4477	-6.1694	1.2218	51.5143	8.4950	1.22178
3400	4.4693	-6.1853	1.2302	51.9414	8.6666	1.23018
3500	4.4973	-6.2024	1.2431	52.5107	8.9801	1.24314
3600	4.5335	-6.2214	1.2626	53.2781	9.4882	1.26261
3700	4.5789	-6.2430	1.2910	54.3089	10.2491	1.29097
3800	4.6341	-6.2578	1.3310	55.6779	11.3316	1.33104
3900	4.6979	-6.2965	1.3855	57.4478	12.7892	1.38547
4000	4.7677	-6.3290	1.4559	59.6472	14.6418	1.45587
4100	4.8390	-6.3645	1.5412	62.2266	16.8331	1.54122
4200	4.9061	-6.4008	1.6358	65.0065	19.1797	1.63575
4300	4.9639	-6.4352	1.7295	67.7039	21.3991	1.72948
4400	5.0088	-6.4652	1.8109	70.0130	23.1949	1.81091
4500	5.0411	-6.4898	1.8737	71.7834	24.4294	1.87367
4600	5.0529	-6.5093	1.9173	73.0242	25.1247	1.91726
4700	5.0772	-6.5250	1.9456	73.8566	25.4129	1.94560
4800	5.0867	-6.5381	1.9634	74.4138	25.4344	1.96341
4900	5.0933	-6.5495	1.9745	74.7998	25.2972	1.97451
5000	5.0982	-6.5598	1.9816	75.0841	25.0727	1.98158
5100	5.1021	-6.5695	1.9863	75.3119	24.8066	1.98627
5200	5.1056	-6.5786	1.9897	75.5090	24.5251	1.98968
5300	5.1089	-6.5875	1.9925	75.6931	24.2451	1.99248
5400	5.1122	-6.5962	1.9951	75.8756	23.9773	1.99510
5500	5.1156	-6.6048	1.9979	76.0649	23.7291	1.99789
5600	5.1194	-6.6133	2.0011	76.2675	23.5061	2.00109
5700	5.1235	-6.6218	2.0049	76.4900	23.3145	2.00494

LOG P=-5.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5800	5.1281	-6.6304	2.0097	76.7386	23.1587	2.00967
5900	5.1334	-6.6391	2.0155	77.0199	23.0448	2.01554
6000	5.1395	-6.6480	2.0228	77.3413	22.9790	2.02284
6100	5.1465	-6.6571	2.0319	77.7108	22.9687	2.03187
6200	5.1545	-6.6665	2.0430	78.1377	23.0220	2.04300
6300	5.1638	-6.6764	2.0566	78.6322	23.1472	2.05663
6400	5.1746	-6.6867	2.0732	79.2055	23.3544	2.07322
6500	5.1868	-6.6976	2.0933	79.8701	23.6550	2.09329
6600	5.2009	-6.7092	2.1174	80.6398	24.0605	2.11741
6700	5.2167	-6.7216	2.1462	81.5289	24.5841	2.14622
6800	5.2346	-6.7349	2.1804	82.5528	25.2391	2.18041
6900	5.2545	-6.7492	2.2206	83.7278	26.0399	2.22069
7000	5.2765	-6.7645	2.2677	85.0691	26.9998	2.26780
7100	5.3004	-6.7810	2.3224	86.5911	28.1308	2.32246
7200	5.3263	-6.7987	2.3852	88.3067	29.4442	2.38532
7300	5.3539	-6.8175	2.4567	90.2228	30.9440	2.45685
7400	5.3828	-6.8374	2.5371	92.3406	32.6293	2.53729
7500	5.4128	-6.8583	2.6263	94.6518	34.4906	2.62648
7600	5.4432	-6.8798	2.7237	97.1378	36.5069	2.72389
7700	5.4736	-6.9018	2.8279	99.7634	38.6421	2.82819
7800	5.5033	-6.9239	2.9373	102.4825	40.8488	2.93760
7900	5.5319	-6.9457	3.0493	105.2340	43.0662	3.04962
8000	5.5585	-6.9668	3.1611	107.9517	45.2284	3.16144
8100	5.5830	-6.9868	3.2696	110.5649	47.2661	3.26996

LOG P=-4.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-4.4636	1.0000	31.3662	3.4805	1.00000
200	2.8434	-4.7546	1.0000	33.7846	3.4862	1.00000
300	3.0198	-4.9407	1.0000	35.2016	3.4891	1.00000
400	3.1455	-5.0657	1.0000	36.2120	3.4952	1.00000
500	3.2440	-5.1625	1.0000	37.0058	3.5074	1.00000
600	3.3256	-5.2417	1.0000	37.5660	3.5270	1.00000
700	3.3955	-5.3087	1.0000	38.2369	3.5516	1.00000
800	3.4572	-5.3667	1.0000	38.7421	3.5817	1.00000
900	3.5121	-5.4178	1.0000	39.1980	3.6129	1.00000
1000	3.5619	-5.4636	1.0000	39.6132	3.6467	1.00000
1100	3.6071	-5.5050	1.0000	39.9949	3.6791	1.00000
1200	3.6488	-5.5428	1.0000	40.3511	3.7122	1.00000
1300	3.6874	-5.5775	1.0000	40.6821	3.7452	1.00000
1400	3.7234	-5.6097	1.0000	40.9933	3.7779	1.00000
1500	3.7582	-5.6401	1.0003	41.2987	3.8201	1.00026
1600	3.7926	-5.6694	1.0009	41.6037	3.8772	1.00093
1700	3.8299	-5.6955	1.0028	41.9398	3.9758	1.00283
1800	3.8749	-5.7224	1.0076	42.3611	4.1646	1.00764
1900	3.9344	-5.7505	1.0183	42.9560	4.5258	1.01829
2000	4.0138	-5.7815	1.0390	43.8384	5.1614	1.03900
2100	4.1098	-5.8168	1.0732	45.0835	6.1322	1.07325
2200	4.2064	-5.8548	1.1181	46.5735	7.3105	1.11813
2300	4.2810	-5.8901	1.1600	47.9147	8.3031	1.16005
2400	4.3257	-5.9184	1.1867	48.7976	8.8198	1.18666
2500	4.3500	-5.9407	1.1993	49.2950	8.9540	1.19934
2600	4.3648	-5.9597	1.2048	49.6003	8.9086	1.20479
2700	4.3759	-5.9770	1.2072	49.8273	8.8008	1.20724

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2800	4.3857	-5.9933	1.2086	50.0251	8.6812	1.20858
2900	4.3953	-6.0089	1.2096	50.2152	8.5687	1.20963
3000	4.4053	-6.0241	1.2109	50.4114	8.4756	1.21088
3100	4.4164	-6.0390	1.2127	50.6266	8.4144	1.21272
3200	4.4293	-6.0538	1.2157	50.8772	8.3980	1.21566
3300	4.4452	-6.0689	1.2204	51.1854	8.4473	1.22040
3400	4.4655	-6.0845	1.2279	51.5813	8.5896	1.22791
3500	4.4915	-6.1012	1.2395	52.1039	8.8593	1.23949
3600	4.5250	-6.1195	1.2569	52.8037	9.3040	1.25690
3700	4.5672	-6.1400	1.2823	53.7402	9.9765	1.28230
3800	4.6189	-6.1537	1.3183	54.9834	10.9421	1.31834
3900	4.6794	-6.1909	1.3676	56.5967	12.2549	1.36760
4000	4.7466	-6.2219	1.4321	58.6204	13.9476	1.43206
4100	4.8167	-6.2561	1.5118	61.0361	15.9940	1.51176
4200	4.8847	-6.2920	1.6027	63.7136	18.2589	1.60268
4300	4.9453	-6.3269	1.6966	66.4138	20.5032	1.69655
4400	4.9943	-6.3582	1.7821	68.8338	22.4292	1.78213
4500	5.0307	-6.3846	1.8514	70.7736	23.8480	1.85136
4600	5.0558	-6.4057	1.9014	72.1811	24.7212	1.90144
4700	5.0726	-6.4226	1.9350	73.1446	25.1476	1.93500
4800	5.0838	-6.4366	1.9565	73.7926	25.2645	1.95650
4900	5.0914	-6.4485	1.9700	74.2368	25.1883	1.97004
5000	5.0969	-6.4592	1.9786	74.5567	25.0014	1.97863
5100	5.1013	-6.4690	1.9842	74.8049	24.7569	1.98424
5200	5.1049	-6.4783	1.9882	75.0129	24.4869	1.98818
5300	5.1083	-6.4873	1.9912	75.2013	24.2119	1.99123
5400	5.1116	-6.4960	1.9939	75.3834	23.9444	1.99394
5500	5.1150	-6.5045	1.9967	75.5686	23.6928	1.99665
5600	5.1186	-6.5130	1.9997	75.7637	23.4631	1.99966
5700	5.1225	-6.5214	2.0032	75.9753	23.2611	2.00319
5800	5.1269	-6.5299	2.0075	76.2093	23.0919	2.00749
5900	5.1318	-6.5385	2.0128	76.4720	22.9606	2.01276
6000	5.1375	-6.5472	2.0193	76.7699	22.8728	2.01930
6100	5.1439	-6.5561	2.0274	77.1104	22.8359	2.02737
6200	5.1514	-6.5653	2.0373	77.5019	22.8558	2.03731
6300	5.1600	-6.5748	2.0495	77.9536	22.9411	2.04948
6400	5.1698	-6.5848	2.0643	78.4752	23.1004	2.06427
6500	5.1811	-6.5953	2.0822	79.0784	23.3436	2.08218
6600	5.1940	-6.6064	2.1037	79.7754	23.6819	2.10372
6700	5.2086	-6.6182	2.1294	80.5791	24.1264	2.12944
6800	5.2250	-6.6308	2.1599	81.5038	24.6895	2.15998
6900	5.2434	-6.6443	2.1960	82.5642	25.3849	2.19600
7000	5.2638	-6.6588	2.2382	83.7753	26.2248	2.23821
7100	5.2862	-6.6744	2.2872	85.1510	27.2217	2.28728
7200	5.3105	-6.6911	2.3438	86.7050	28.3870	2.34390
7300	5.3365	-6.7089	2.4085	88.4466	29.7281	2.40859
7400	5.3641	-6.7278	2.4816	90.3811	31.2479	2.49178
7500	5.3928	-6.7477	2.5634	92.5065	32.9426	2.56353
7600	5.4224	-6.7685	2.6535	94.8131	34.8007	2.65356
7700	5.4523	-6.7898	2.7511	97.2762	36.7961	2.75132
7800	5.4820	-6.8115	2.8550	99.8625	38.8942	2.85524
7900	5.5109	-6.8332	2.9631	102.5223	41.0452	2.96345
8000	5.5385	-6.8545	3.0732	105.1984	43.1922	3.07357
8100	5.5643	-6.8751	3.1824	107.8257	45.2707	3.18278
8200	5.5879	-6.8946	3.2879	110.3423	47.2200	3.28834

LOG P=-4.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8300	5.6092	-6.9128	3.3872	112.6924	48.9868	3.38765
8400	5.6279	-6.9295	3.4782	114.8350	50.5326	3.47872
8500	5.6440	-6.9447	3.5597	116.7444	51.8356	3.56016
8600	5.6579	-6.9584	3.6309	118.4128	52.8905	3.63143
8700	5.6696	-6.9706	3.6921	119.8480	53.7095	3.69263
8800	5.6794	-6.9816	3.7438	121.0674	54.3110	3.74435
8900	5.6875	-6.9915	3.7870	122.0941	54.7215	3.78751

LOG P=-4.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-4.3636	1.0000	31.1360	3.4806	1.00000
200	2.8434	-4.6646	1.0000	33.5546	3.4862	1.00000
300	3.0198	-4.8407	1.0000	34.9716	3.4891	1.00000
400	3.1455	-4.9657	1.0000	35.9818	3.4952	1.00000
500	3.2440	-5.0626	1.0000	36.7759	3.5074	1.00000
600	3.3256	-5.1417	1.0000	37.4357	3.5270	1.00000
700	3.3955	-5.2087	1.0000	38.0069	3.5516	1.00000
800	3.4572	-5.2667	1.0000	38.5116	3.5817	1.00000
900	3.5121	-5.3178	1.0000	38.9676	3.6129	1.00000
1000	3.5619	-5.3636	1.0000	39.3830	3.6467	1.00000
1100	3.6071	-5.4050	1.0000	39.7645	3.6791	1.00000
1200	3.6488	-5.4428	1.0000	40.1205	3.7122	1.00000
1300	3.6874	-5.4775	1.0000	40.4517	3.7452	1.00000
1400	3.7234	-5.5097	1.0000	40.7629	3.7779	1.00000
1500	3.7580	-5.5400	1.0002	41.0672	3.8189	1.00023
1600	3.7922	-5.5583	1.0008	41.3694	3.8733	1.00083
1700	3.8287	-5.5954	1.0025	41.6979	3.9648	1.00253
1800	3.8719	-5.6221	1.0068	42.1013	4.1368	1.00682
1900	3.9285	-5.6497	1.0164	42.6599	4.4639	1.01637
2000	4.0036	-5.6799	1.0351	43.4801	5.0420	1.03510
2100	4.0961	-5.7141	1.0667	44.6455	5.9406	1.06666
2200	4.1923	-5.7515	1.1097	46.0838	7.0773	1.10972
2300	4.2707	-5.7873	1.1527	47.4554	8.1100	1.15273
2400	4.3202	-5.8168	1.1823	48.4148	8.7098	1.18226
2500	4.3475	-5.8400	1.1972	48.9681	8.9030	1.19718
2600	4.3637	-5.8594	1.2038	49.3000	8.8855	1.20375
2700	4.3753	-5.8768	1.2067	49.5379	8.7894	1.20669
2800	4.3854	-5.8932	1.2082	49.7394	8.6737	1.20824
2900	4.3949	-5.9088	1.2094	49.9295	8.5615	1.20935
3000	4.4048	-5.9240	1.2106	50.1227	8.4658	1.21055
3100	4.4156	-5.9388	1.2122	50.3318	8.3988	1.21225
3200	4.4280	-5.9535	1.2149	50.5714	8.3721	1.21491
3300	4.4430	-5.9684	1.2192	50.8619	8.4047	1.21916
3400	4.4620	-5.9838	1.2259	51.2301	8.5208	1.22587
3500	4.4861	-6.0000	1.2362	51.7110	8.7513	1.23622
3600	4.5172	-6.0177	1.2518	52.3501	9.1390	1.25179
3700	4.5564	-6.0374	1.2745	53.2016	9.7323	1.27453
3800	4.6047	-6.0599	1.3069	54.3305	10.5914	1.30689
3900	4.6618	-6.0857	1.3514	55.7989	11.7702	1.35138
4000	4.7262	-6.1152	1.4102	57.6543	13.3097	1.41016
4100	4.7947	-6.1481	1.4840	59.9013	15.2042	1.48402
4200	4.8629	-6.1831	1.5705	62.4520	17.3631	1.57047
4300	4.9256	-6.2192	1.6631	65.1161	19.5925	1.66306
4400	4.9781	-6.2507	1.7514	67.6088	21.6111	1.75137

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T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	5.0186	-6.2786	1.8263	69.5985	23.1967	1.82633
4600	5.0475	-6.3015	1.8830	71.2752	24.2512	1.88300
4700	5.0671	-6.3198	1.9223	72.3837	24.8310	1.92233
4800	5.0802	-6.3347	1.9481	73.1370	25.0586	1.94812
4900	5.0891	-6.3473	1.9646	73.6510	25.0555	1.96455
5000	5.0954	-6.3584	1.9750	74.0148	24.9147	1.97502
5100	5.1002	-6.3685	1.9818	74.2891	24.6977	1.98178
5200	5.1042	-6.3779	1.9864	74.5116	24.4431	1.98641
5300	5.1077	-6.3869	1.9898	74.7071	24.1761	1.98984
5400	5.1110	-6.3957	1.9927	74.8909	23.9107	1.99271
5500	5.1143	-6.4043	1.9954	75.0737	23.6576	1.99543
5600	5.1178	-6.4127	1.9983	75.2630	23.4227	1.99830
5700	5.1216	-6.4211	2.0016	75.4655	23.2122	2.00157
5800	5.1258	-6.4295	2.0055	75.6869	23.0316	2.00549
5900	5.1304	-6.4380	2.0103	75.9332	22.8849	2.01026
6000	5.1357	-6.4465	2.0161	76.2104	22.7780	2.01613
6100	5.1417	-6.4553	2.0233	76.5252	22.7169	2.02335
6200	5.1486	-6.4642	2.0322	76.8852	22.7077	2.03222
6300	5.1565	-6.4735	2.0431	77.2986	22.7574	2.04309
6400	5.1655	-6.4831	2.0563	77.7742	22.8739	2.05629
6500	5.1759	-6.4932	2.0723	78.3226	23.0664	2.07227
6600	5.1877	-6.5038	2.0915	78.9545	23.3440	2.09148
6700	5.2011	-6.5151	2.1144	79.6817	23.7176	2.11444
6800	5.2163	-6.5271	2.1417	80.5174	24.1986	2.14171
6900	5.2333	-6.5399	2.1739	81.4750	24.7986	2.17391
7000	5.2522	-6.5537	2.2116	82.5685	25.5301	2.21169
7100	5.2729	-6.5684	2.2556	83.8110	26.4046	2.25568
7200	5.2956	-6.5841	2.3065	85.2167	27.4337	2.30656
7300	5.3201	-6.6010	2.3648	86.7958	28.6265	2.36490
7400	5.3462	-6.6189	2.4311	88.5566	29.9889	2.43120
7500	5.3737	-6.6378	2.5056	90.5015	31.5212	2.50574
7600	5.4022	-6.6577	2.5884	92.6279	33.2189	2.58855
7700	5.4314	-6.6733	2.6790	94.9200	35.0644	2.67919
7800	5.4607	-6.6995	2.7766	97.3551	37.0343	2.77685
7900	5.4897	-6.7208	2.8797	99.8950	39.0891	2.88006
8000	5.5178	-6.7421	2.9866	102.4933	41.1827	2.98692
8100	5.5445	-6.7629	3.0946	105.0917	43.2569	3.09496
8200	5.5695	-6.7830	3.2012	107.6316	45.2542	3.20162
8300	5.5923	-6.8019	3.3038	110.0546	47.1176	3.30424
8400	5.6127	-6.8196	3.4000	112.3116	48.7997	3.40051
8500	5.6307	-6.8359	3.4881	114.3656	50.2675	3.48860
8600	5.6463	-6.8506	3.5668	116.1961	51.5021	3.56736
8700	5.6597	-6.8640	3.6358	117.7980	52.5028	3.63636
8800	5.6710	-6.8760	3.6951	119.1793	53.2790	3.69573
8900	5.6806	-6.8867	3.7454	120.3556	53.8500	3.74602
9000	5.6886	-6.8964	3.7875	121.3496	54.2393	3.78810
9100	5.6952	-6.9052	3.8224	122.1860	54.4746	3.82301
9200	5.7008	-6.9132	3.8511	122.8879	54.5810	3.85174
9300	5.7055	-6.9206	3.8747	123.4782	54.5813	3.87527
9400	5.7095	-6.9274	3.8939	123.9767	54.4964	3.89448
9500	5.7129	-6.9337	3.9096	124.3999	54.3440	3.91014
9600	5.7158	-6.9397	3.9223	124.7621	54.1387	3.92289
9700	5.7183	-6.9453	3.9327	125.0751	53.8917	3.93327
9800	5.7205	-6.9507	3.9412	125.3480	53.6137	3.94174
9900	5.7225	-6.9559	3.9481	125.5891	53.3118	3.94865

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LOG P=-4.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	5.7242	-6.9509	3.9538	125.8049	52.9927	3.95430
10100	5.7258	-6.9557	3.9584	125.9981	52.6613	3.95892
10200	5.7273	-6.9704	3.9622	126.1751	52.3209	3.96272
10300	5.7286	-6.9750	3.9653	126.3379	51.9750	3.96584
10400	5.7299	-6.9794	3.9679	126.4894	51.6256	3.96842
10500	5.7311	-6.9838	3.9701	126.6318	51.2760	3.97057
10600	5.7322	-6.9882	3.9719	126.7663	50.9263	3.97235
10700	5.7333	-6.9924	3.9733	126.8944	50.5773	3.97381
10800	5.7344	-6.9966	3.9746	127.0174	50.2317	3.97505

LOG P=-4.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-4.2636	1.0000	30.9055	3.4805	1.00000
200	2.8434	-4.5646	1.0000	33.3244	3.4862	1.00000
300	3.0198	-4.7407	1.0000	34.7413	3.4891	1.00000
400	3.1455	-4.8557	1.0000	35.7513	3.4952	1.00000
500	3.2440	-4.9626	1.0000	36.5457	3.5074	1.00000
600	3.3256	-5.0417	1.0000	37.2052	3.5270	1.00000
700	3.3955	-5.1087	1.0000	37.7765	3.5516	1.00000
800	3.4572	-5.1667	1.0000	38.2813	3.5817	1.00000
900	3.5121	-5.2178	1.0000	38.7371	3.6129	1.00000
1000	3.5619	-5.2636	1.0000	39.1525	3.6467	1.00000
1100	3.6071	-5.3050	1.0000	39.5345	3.6791	1.00000
1200	3.6488	-5.3428	1.0000	39.8903	3.7122	1.00000
1300	3.6874	-5.3775	1.0000	40.2213	3.7452	1.00000
1400	3.7234	-5.4097	1.0000	40.5324	3.7779	1.00000
1500	3.7579	-5.4400	1.0002	40.8360	3.8179	1.00021
1600	3.7918	-5.4683	1.0007	41.1356	3.8699	1.00074
1700	3.8276	-5.4953	1.0023	41.4573	3.9549	1.00225
1800	3.8693	-5.5218	1.0061	41.8447	4.1118	1.00609
1900	3.9230	-5.5489	1.0146	42.3704	4.4082	1.01465
2000	3.9942	-5.5784	1.0316	43.1336	4.9334	1.03155
2100	4.0828	-5.6116	1.0605	44.2218	5.7618	1.06053
2200	4.1780	-5.6482	1.1015	45.6003	6.8484	1.10146
2300	4.2596	-5.6844	1.1449	46.9855	7.9046	1.14495
2400	4.3139	-5.7149	1.1772	48.0168	8.5834	1.17723
2500	4.3445	-5.7390	1.1946	48.6316	8.8419	1.19460
2600	4.3623	-5.7589	1.2025	48.9952	8.8577	1.20250
2700	4.3746	-5.7766	1.2060	49.2464	8.7756	1.20605
2800	4.3849	-5.7930	1.2078	49.4529	8.6653	1.20785
2900	4.3946	-5.8087	1.2091	49.6437	8.5541	1.20905
3000	4.4043	-5.8238	1.2102	49.8348	8.4565	1.21023
3100	4.4148	-5.8387	1.2118	50.0384	8.3846	1.21181
3200	4.4268	-5.8533	1.2142	50.2685	8.3488	1.21422
3300	4.4411	-5.8680	1.2180	50.5431	8.3665	1.21804
3400	4.4588	-5.8831	1.2240	50.8865	8.4594	1.22405
3500	4.4813	-5.8990	1.2333	51.3301	8.6548	1.23329
3600	4.5101	-5.9161	1.2472	51.9149	8.9916	1.24721
3700	4.5465	-5.9350	1.2676	52.6900	9.5134	1.26756
3800	4.5916	-5.9564	1.2966	53.7154	10.2760	1.29659
3900	4.6453	-5.9809	1.3367	55.0504	11.3311	1.33669
4000	4.7067	-6.0090	1.3901	56.7468	12.7235	1.39009
4100	4.7732	-6.0404	1.4581	58.8255	14.4672	1.45814
4200	4.8408	-6.0745	1.5395	61.2340	16.5028	1.53955

LOG P=-4.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4300	4.9049	-6.1394	1.6296	63.9269	18.6819	1.62959
4400	4.9605	-6.1426	1.7191	66.3519	20.7534	1.71914
4500	5.0050	-6.1721	1.7989	68.5658	22.4811	1.79886
4600	5.0378	-6.1966	1.8619	70.3069	23.7136	1.86194
4700	5.0605	-6.2164	1.9074	71.5689	24.4569	1.90737
4800	5.0759	-6.2324	1.9380	72.4414	24.8102	1.93800
4900	5.0863	-6.2458	1.9579	73.0379	24.8941	1.95786
5000	5.0936	-6.2574	1.9706	73.4552	24.8094	1.97061
5100	5.0990	-6.2678	1.9788	73.7622	24.6266	1.97881
5200	5.1033	-6.2775	1.9843	74.0039	24.3927	1.98431
5300	5.1070	-6.2866	1.9883	74.2096	24.1366	1.98826
5400	5.1104	-6.2954	1.9914	74.3974	23.8760	1.99139
5500	5.1137	-6.3040	1.9942	74.5797	23.6228	1.99418
5600	5.1171	-6.3124	1.9970	74.7649	23.3846	1.99698
5700	5.1208	-6.3208	2.0001	74.9599	23.1675	2.00006
5800	5.1247	-6.3291	2.0037	75.1705	22.9767	2.00366
5900	5.1291	-6.3375	2.0080	75.4025	22.8168	2.00799
6000	5.1340	-6.3459	2.0133	75.6614	22.6929	2.01327
6100	5.1396	-6.3545	2.0197	75.9534	22.6106	2.01975
6200	5.1460	-6.3632	2.0277	76.2854	22.5751	2.02768
6300	5.1533	-6.3723	2.0374	76.6647	22.5933	2.03739
6400	5.1617	-6.3816	2.0492	77.0995	22.6717	2.04916
6500	5.1712	-6.3913	2.0634	77.5989	22.8186	2.06342
6600	5.1821	-6.4016	2.0805	78.1728	23.0425	2.08057
6700	5.1944	-6.4124	2.1010	78.8319	23.3528	2.10106
6800	5.2084	-6.4238	2.1254	79.5877	23.7599	2.12541
6900	5.2240	-6.4360	2.1541	80.4529	24.2747	2.15417
7000	5.2414	-6.4490	2.1879	81.4402	24.9084	2.18795
7100	5.2607	-6.4629	2.2273	82.5623	25.6719	2.22734
7200	5.2818	-6.4778	2.2729	83.8326	26.5772	2.27300
7300	5.3048	-6.4937	2.3254	85.2623	27.6332	2.32549
7400	5.3293	-6.5106	2.3852	86.8609	28.8477	2.38536
7500	5.3554	-6.5286	2.4528	88.6339	30.2243	2.45300
7600	5.3827	-6.5475	2.5285	90.5834	31.7633	2.52864
7700	5.4109	-6.5673	2.6119	92.7006	33.4545	2.61210
7800	5.4397	-6.5877	2.7027	94.9720	35.2826	2.70298
7900	5.4684	-6.6086	2.8000	97.3704	37.2196	2.80026
8000	5.4967	-6.6297	2.9022	99.8610	39.2289	2.90257
8100	5.5240	-6.6505	3.0074	102.3934	41.2611	3.00783
8200	5.5499	-6.6709	3.1133	104.9156	43.2643	3.11378
8300	5.5741	-6.6904	3.2174	107.3701	45.1828	3.21789
8400	5.5961	-6.7089	3.3172	109.7044	46.9654	3.31770
8500	5.6158	-6.7261	3.4105	111.8735	48.5691	3.41109
8600	5.6332	-6.7419	3.4958	113.8459	49.9656	3.49642
8700	5.6483	-6.7563	3.5721	115.6045	51.1397	3.57275
8800	5.6613	-6.7693	3.6391	117.1465	52.0914	3.63971
8900	5.6723	-6.7811	3.6968	118.4785	52.8303	3.69742
9000	5.6816	-6.7916	3.7458	119.6171	53.3755	3.74647
9100	5.6894	-6.8012	3.7871	120.5834	53.7493	3.78770
9200	5.6960	-6.8099	3.8213	121.3988	53.9761	3.82200
9300	5.7015	-6.8178	3.8497	122.0865	54.0799	3.85037
9400	5.7062	-6.8250	3.8731	122.6673	54.0817	3.87370
9500	5.7101	-6.8318	3.8922	123.1592	54.0018	3.89283
9600	5.7135	-6.8381	3.9079	123.5783	53.8563	3.90849
9700	5.7164	-6.8440	3.9207	123.9382	53.6592	3.92129

LOG P=-4.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9800	5.7189	-6.8496	3.9311	124.2496	53.4214	3.93176
9900	5.7212	-6.8549	3.9397	124.5222	53.1529	3.94033
10000	5.7231	-6.8601	3.9467	124.7631	52.8610	3.94735
10100	5.7249	-6.8550	3.9525	124.9782	52.5518	3.95311
10200	5.7265	-6.8598	3.9573	125.1726	52.2298	3.95784
10300	5.7280	-6.8745	3.9612	125.3496	51.8994	3.96175
10400	5.7294	-6.8791	3.9644	125.5130	51.5629	3.96497
10500	5.7307	-6.8835	3.9671	125.6649	51.2228	3.96764
10600	5.7319	-6.8879	3.9693	125.8073	50.8814	3.96987
10700	5.7330	-6.8922	3.9712	125.9422	50.5399	3.97172
10800	5.7341	-6.8964	3.9727	126.0705	50.1995	3.97326
10900	5.7352	-6.9005	3.9740	126.1932	49.8613	3.97456
11000	5.7362	-6.9046	3.9751	126.3114	49.5257	3.97564
11100	5.7372	-6.9086	3.9761	126.4257	49.1932	3.97656
11200	5.7382	-6.9126	3.9768	126.5369	48.8648	3.97734
11300	5.7392	-6.9165	3.9775	126.6451	48.5401	3.97800
11400	5.7401	-6.9204	3.9781	126.7510	48.2198	3.97857
11500	5.7411	-6.9243	3.9786	126.8550	47.9037	3.97906
11600	5.7420	-6.9281	3.9790	126.9570	47.5929	3.97951
11700	5.7429	-6.9319	3.9794	127.0578	47.2865	3.97989
11800	5.7438	-6.9356	3.9798	127.1571	46.9845	3.98024
11900	5.7448	-6.9393	3.9801	127.2557	46.6877	3.98056
12000	5.7457	-6.9430	3.9804	127.3538	46.3965	3.98087
12100	5.7466	-6.9466	3.9808	127.4510	46.1102	3.98117
12200	5.7475	-6.9502	3.9811	127.5483	45.8288	3.98148
12300	5.7484	-6.9538	3.9814	127.6456	45.5533	3.98181
12400	5.7494	-6.9574	3.9818	127.7432	45.2831	3.98217
12500	5.7503	-6.9609	3.9822	127.8418	45.0189	3.98257
12600	5.7513	-6.9644	3.9826	127.9417	44.7612	3.98304
12700	5.7523	-6.9679	3.9832	128.0433	44.5099	3.98358
12800	5.7533	-6.9714	3.9839	128.1472	44.2654	3.98422
12900	5.7543	-6.9748	3.9846	128.2542	44.0285	3.98499
13000	5.7554	-6.9783	3.9856	128.3649	43.8005	3.98592
13100	5.7566	-6.9817	3.9867	128.4802	43.5810	3.98703
13200	5.7578	-6.9852	3.9880	128.6015	43.3717	3.98838
13300	5.7591	-6.9886	3.9896	128.7298	43.1735	3.98999
13400	5.7604	-6.9921	3.9916	128.8665	42.9874	3.99195
13500	5.7619	-6.9956	3.9939	129.0132	42.8155	3.99429
13600	5.7635	-6.9991	3.9968	129.1719	42.6583	3.99709

LOG P=-4.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-4.1636	1.0000	30.6752	3.4806	1.00000
200	2.8434	-4.4646	1.0000	33.0939	3.4862	1.00000
300	3.0198	-4.6407	1.0000	34.5108	3.4891	1.00000
400	3.1455	-4.7657	1.0000	35.5210	3.4952	1.00000
500	3.2440	-4.8626	1.0000	36.3152	3.5074	1.00000
600	3.3256	-4.9417	1.0000	36.9750	3.5270	1.00000
700	3.3955	-5.0087	1.0000	37.5460	3.5516	1.00000
800	3.4572	-5.0667	1.0000	38.0514	3.5817	1.00000
900	3.5121	-5.1178	1.0000	38.5070	3.6129	1.00000
1000	3.5619	-5.1636	1.0000	38.9222	3.6467	1.00000
1100	3.6071	-5.2050	1.0000	39.3045	3.6791	1.00000
1200	3.6488	-5.2428	1.0000	39.6604	3.7122	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1300	3.6874	-5.2775	1.0000	39.9913	3.7452	1.00000
1400	3.7234	-5.3097	1.0000	40.3023	3.7779	1.00000
1500	3.7578	-5.3400	1.0002	40.6047	3.8170	1.00019
1600	3.7915	-5.3683	1.0007	40.9021	3.8668	1.00066
1700	3.8266	-5.3952	1.0020	41.2177	3.9461	1.00201
1800	3.8670	-5.4215	1.0054	41.5908	4.0896	1.00543
1900	3.9181	-5.4483	1.0131	42.0870	4.3583	1.01309
2000	3.9854	-5.4770	1.0283	42.7980	4.8349	1.02833
2100	4.0701	-5.5093	1.0548	43.8126	5.5962	1.05483
2200	4.1637	-5.5451	1.0935	45.1254	6.6261	1.09345
2300	4.2477	-5.5813	1.1368	46.5084	7.6903	1.13683
2400	4.3066	-5.6128	1.1716	47.6041	8.4411	1.17156
2500	4.3409	-5.6379	1.1916	48.2844	8.7694	1.19155
2600	4.3606	-5.6584	1.2010	48.6848	8.8241	1.20100
2700	4.3738	-5.6763	1.2053	48.9524	8.7593	1.20528
2800	4.3845	-5.6929	1.2074	49.1653	8.6559	1.20740
2900	4.3942	-5.7086	1.2087	49.3577	8.5465	1.20873
3000	4.4039	-5.7237	1.2099	49.5472	8.4476	1.20991
3100	4.4142	-5.7385	1.2114	49.7463	8.3714	1.21139
3200	4.4257	-5.7531	1.2136	49.9679	8.3277	1.21359
3300	4.4393	-5.7677	1.2170	50.2285	8.3321	1.21702
3400	4.4560	-5.7825	1.2224	50.5499	8.4044	1.22240
3500	4.4770	-5.7981	1.2307	50.9603	8.5684	1.23067
3600	4.5037	-5.8147	1.2431	51.4964	8.8598	1.24311
3700	4.5375	-5.8329	1.2613	52.2029	9.3174	1.26132
3800	4.5795	-5.8533	1.2873	53.1346	9.9927	1.28734
3900	4.6299	-5.8766	1.3234	54.3478	10.9348	1.32342
4000	4.6881	-5.9032	1.3718	55.8954	12.1902	1.37181
4100	4.7522	-5.9332	1.4342	57.8097	13.7844	1.43416
4200	4.8187	-5.9661	1.5102	60.0652	15.6853	1.51015
4300	4.8835	-6.0005	1.5966	62.5585	17.7855	1.59660
4400	4.9417	-6.0342	1.6860	65.0773	19.8710	1.68596
4500	4.9898	-6.0648	1.7692	67.3819	21.7080	1.76916
4600	5.0265	-6.0910	1.8381	69.2732	23.1062	1.83810
4700	5.0527	-6.1124	1.8899	70.6943	24.0198	1.88986
4800	5.0706	-6.1297	1.9259	71.6993	24.5133	1.92588
4900	5.0829	-6.1440	1.9497	72.3920	24.6983	1.94973
5000	5.0913	-6.1562	1.9652	72.8737	24.6808	1.96521
5100	5.0975	-6.1670	1.9752	73.2211	24.5408	1.97518
5200	5.1022	-6.1769	1.9818	73.4873	24.3326	1.98179
5300	5.1061	-6.1862	1.9864	73.7070	24.0913	1.98642
5400	5.1097	-6.1951	1.9899	73.9016	23.8384	1.98991
5500	5.1130	-6.2037	1.9929	74.0854	23.5874	1.99287
5600	5.1164	-6.2121	1.9957	74.2683	23.3476	1.99567
5700	5.1200	-6.2205	1.9986	74.4574	23.1254	1.99862
5800	5.1238	-6.2287	2.0020	74.6591	22.9263	2.00196
5900	5.1279	-6.2370	2.0059	74.8786	22.7551	2.00592
6000	5.1326	-6.2454	2.0107	75.1217	22.6165	2.01068
6100	5.1378	-6.2538	2.0165	75.3935	22.5152	2.01650
6200	5.1437	-6.2624	2.0236	75.7006	22.4569	2.02361
6300	5.1505	-6.2712	2.0323	76.0497	22.4469	2.03229
6400	5.1582	-6.2803	2.0428	76.4480	22.4913	2.04280
6500	5.1670	-6.2897	2.0555	76.9037	22.5978	2.05552
6600	5.1770	-6.2995	2.0708	77.4258	22.7735	2.07082
6700	5.1883	-6.3099	2.0891	78.0239	23.0273	2.08911

LOG P=-4.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6800	5.2011	-6.3208	2.1108	78.7084	23.3683	2.11084
6900	5.2155	-6.3324	2.1365	79.4907	23.8065	2.13653
7000	5.2316	-6.3447	2.1667	80.3827	24.3521	2.16671
7100	5.2495	-6.3579	2.2019	81.3962	25.0157	2.20196
7200	5.2691	-6.3720	2.2428	82.5437	25.8078	2.24287
7300	5.2905	-6.3870	2.2899	83.8366	26.7385	2.29001
7400	5.3135	-6.4030	2.3438	85.2850	27.8158	2.34393
7500	5.3382	-6.4200	2.4049	86.8968	29.0461	2.40510
7600	5.3642	-6.4380	2.4737	88.6768	30.4328	2.47387
7700	5.3912	-6.4569	2.5501	90.6224	31.9705	2.55029
7800	5.4191	-6.4756	2.6340	92.7267	33.6513	2.63422
7900	5.4473	-6.4968	2.7247	94.9707	35.4550	2.72503
8000	5.4754	-6.5174	2.8214	97.3293	37.3557	2.82176
8100	5.5030	-6.5381	2.9224	99.7635	39.3136	2.92283
8200	5.5296	-6.5585	3.0259	102.2291	41.2849	3.02639
8300	5.5547	-6.5784	3.1297	104.6741	43.2181	3.13015
8400	5.5781	-6.5975	3.2312	107.0468	45.0620	3.23176
8500	5.5994	-6.6155	3.3283	109.2973	46.7689	3.32892
8600	5.6185	-6.6323	3.4190	111.3857	48.3021	3.41964
8700	5.6353	-6.6477	3.5019	113.2841	49.6343	3.50251
8800	5.6500	-6.6617	3.5760	114.9784	50.7546	3.57667
8900	5.6626	-6.6745	3.6411	116.4655	51.6634	3.64179
9000	5.6733	-6.6860	3.6974	117.7543	52.3707	3.69808
9100	5.6825	-6.6964	3.7454	118.8602	52.8947	3.74610
9200	5.6902	-6.7058	3.7858	119.8010	53.2553	3.78656
9300	5.6966	-6.7144	3.8197	120.5989	53.4763	3.82040
9400	5.7021	-6.7222	3.8478	121.2748	53.5792	3.84850
9500	5.7068	-6.7294	3.8710	121.8471	53.5845	3.87171
9600	5.7107	-6.7361	3.8901	122.3342	53.5104	3.89083
9700	5.7141	-6.7423	3.9059	122.7505	53.3728	3.90654
9800	5.7170	-6.7482	3.9188	123.1087	53.1845	3.91944
9900	5.7196	-6.7538	3.9294	123.4199	52.9570	3.93005
10000	5.7218	-6.7591	3.9381	123.6926	52.6987	3.93875
10100	5.7238	-6.7642	3.9452	123.9338	52.4171	3.94591
10200	5.7256	-6.7692	3.9512	124.1498	52.1177	3.95181
10300	5.7272	-6.7739	3.9560	124.3444	51.8054	3.95667
10400	5.7287	-6.7786	3.9601	124.5224	51.4846	3.96070
10500	5.7301	-6.7831	3.9634	124.6862	51.1573	3.96403
10600	5.7314	-6.7875	3.9662	124.8387	50.8263	3.96681
10700	5.7326	-6.7919	3.9685	124.9816	50.4934	3.96912
10800	5.7338	-6.7961	3.9705	125.1167	50.1602	3.97105
10900	5.7349	-6.8003	3.9721	125.2451	49.8279	3.97257
11000	5.7360	-6.8044	3.9735	125.3679	49.4975	3.97403
11100	5.7370	-6.8085	3.9746	125.4861	49.1690	3.97518
11200	5.7380	-6.8125	3.9756	125.6006	48.8440	3.97614
11300	5.7390	-6.8164	3.9764	125.7114	48.5220	3.97697
11400	5.7400	-6.8203	3.9771	125.8195	48.2043	3.97767
11500	5.7409	-6.8242	3.9778	125.9254	47.8904	3.97828
11600	5.7419	-6.8280	3.9783	126.0288	47.5807	3.97882
11700	5.7428	-6.8318	3.9788	126.1308	47.2750	3.97928
11800	5.7437	-6.8355	3.9792	126.2308	46.9745	3.97969
11900	5.7447	-6.8392	3.9796	126.3300	46.6782	3.98006
12000	5.7456	-6.8429	3.9799	126.4283	46.3873	3.98040
12100	5.7465	-6.8465	3.9803	126.5256	46.1011	3.98073
12200	5.7474	-6.8502	3.9806	126.6225	45.8193	3.98105

LOG P=-4.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12300	5.7483	-6.8537	3.9809	126.7192	45.5433	3.98137
12400	5.7493	-6.8573	3.9813	126.8158	45.2722	3.98171
12500	5.7502	-6.8608	3.9816	126.9130	45.0068	3.98208
12600	5.7511	-6.8643	3.9821	127.0110	44.7473	3.98249
12700	5.7521	-6.8678	3.9825	127.1101	44.4936	3.98297
12800	5.7531	-6.8713	3.9831	127.2109	44.2464	3.98351
12900	5.7541	-6.8747	3.9837	127.3139	44.0061	3.98414
13000	5.7551	-6.8782	3.9845	127.4198	43.7729	3.98491
13100	5.7562	-6.8816	3.9854	127.5291	43.5476	3.98582
13200	5.7574	-6.8850	3.9865	127.6430	43.3313	3.98691
13300	5.7586	-6.8884	3.9878	127.7624	43.1245	3.98822
13400	5.7598	-6.8919	3.9894	127.8885	42.9281	3.98980
13500	5.7612	-6.8953	3.9913	128.0224	42.7436	3.99168
13600	5.7627	-6.8987	3.9936	128.1660	42.5723	3.99395
13700	5.7642	-6.9022	3.9963	128.3207	42.4156	3.99665
13800	5.7660	-6.9057	3.9995	128.4887	42.2758	3.99987
13900	5.7679	-6.9093	4.0033	128.6718	42.1541	4.00370
14000	5.7701	-6.9129	4.0079	128.8931	42.0735	4.00823
14100	5.7722	-6.9166	4.0132	129.0946	41.9762	4.01358
14200	5.7748	-6.9203	4.0195	129.3400	41.9249	4.01987
14300	5.7776	-6.9242	4.0268	129.6120	41.9030	4.02721
14400	5.7807	-6.9281	4.0354	129.9149	41.9138	4.03579
14500	5.7842	-6.9322	4.0454	130.2517	41.9603	4.04572
14600	5.7881	-6.9364	4.0569	130.6263	42.0463	4.05721
14700	5.7924	-6.9408	4.0701	131.0435	42.1761	4.07041
14800	5.7972	-6.9453	4.0851	131.5074	42.3534	4.08551
14900	5.8024	-6.9501	4.1023	132.0213	42.5813	4.10269
15000	5.8082	-6.9550	4.1218	132.5900	42.8640	4.12212

LOG P=-4.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-4.0636	1.0000	30.4453	3.4805	1.00000
200	2.8434	-4.3646	1.0000	32.8636	3.4862	1.00000
300	3.0198	-4.5407	1.0000	34.2806	3.4891	1.00000
400	3.1455	-4.6657	1.0000	35.2910	3.4952	1.00000
500	3.2440	-4.7626	1.0000	36.0849	3.5074	1.00000
600	3.3256	-4.8417	1.0000	36.7450	3.5270	1.00000
700	3.3955	-4.9087	1.0000	37.3160	3.5516	1.00000
800	3.4572	-4.9667	1.0000	37.8212	3.5817	1.00000
900	3.5121	-5.0178	1.0000	38.2770	3.6129	1.00000
1000	3.5619	-5.0636	1.0000	38.6923	3.6467	1.00000
1100	3.6071	-5.1050	1.0000	39.0740	3.6791	1.00000
1200	3.6488	-5.1428	1.0000	39.4301	3.7122	1.00000
1300	3.6874	-5.1775	1.0000	39.7612	3.7452	1.00000
1400	3.7234	-5.2097	1.0000	40.0724	3.7779	1.00000
1500	3.7577	-5.2400	1.0002	40.3736	3.8162	1.00017
1600	3.7912	-5.2692	1.0006	40.6690	3.8641	1.00058
1700	3.8258	-5.2951	1.0018	40.9792	3.9383	1.00179
1800	3.8648	-5.3212	1.0048	41.3395	4.0697	1.00484
1900	3.9136	-5.3477	1.0117	41.8091	4.3135	1.01170
2000	3.9773	-5.3758	1.0254	42.4725	4.7458	1.02542
2100	4.0581	-5.4071	1.0496	43.4175	5.4433	1.04958
2200	4.1495	-5.4420	1.0858	44.6611	6.4127	1.08576
2300	4.2350	-5.4781	1.1285	46.0271	7.4697	1.12850

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2400	4.2984	-5.5105	1.1653	47.1765	8.2825	1.16526
2500	4.3367	-5.5366	1.1880	47.9251	8.6841	1.18797
2600	4.3586	-5.5577	1.1992	48.3680	8.7836	1.19919
2700	4.3729	-5.5760	1.2044	48.6553	8.7396	1.20435
2800	4.3839	-5.5927	1.2069	48.8764	8.6449	1.20687
2900	4.3938	-5.6085	1.2084	49.0714	8.5384	1.20836
3000	4.4034	-5.6236	1.2096	49.2600	8.4390	1.20958
3100	4.4135	-5.6384	1.2110	49.4553	8.3593	1.21099
3200	4.4247	-5.6529	1.2130	49.6695	8.3087	1.21301
3300	4.4377	-5.6673	1.2161	49.9177	8.3014	1.21611
3400	4.4534	-5.6820	1.2209	50.2194	8.3552	1.22093
3500	4.4731	-5.6972	1.2283	50.6001	8.4914	1.22832
3600	4.4979	-5.7134	1.2394	51.0927	8.7420	1.23945
3700	4.5292	-5.7310	1.2557	51.7377	9.1419	1.25572
3800	4.5683	-5.7505	1.2790	52.5849	9.7384	1.27904
3900	4.6154	-5.7727	1.3115	53.6871	10.5774	1.31146
4000	4.6704	-5.7979	1.3552	55.0968	11.7052	1.35518
4100	4.7319	-5.8265	1.4121	56.8532	13.1556	1.41207
4200	4.7969	-5.8581	1.4825	58.9520	14.9165	1.48252
4300	4.8618	-5.8917	1.5646	61.3253	16.9158	1.56464
4400	4.9217	-5.9254	1.6524	63.8009	18.9786	1.65242
4500	4.9731	-5.9570	1.7377	66.1597	20.8894	1.73771
4600	5.0137	-5.9847	1.8117	68.1810	22.4339	1.81173
4700	5.0435	-6.0077	1.8697	69.7589	23.5170	1.86975
4800	5.0644	-6.0265	1.9115	70.9060	24.1617	1.91154
4900	5.0787	-6.0418	1.9399	71.7080	24.4620	1.93992
5000	5.0886	-6.0548	1.9586	72.2659	24.5249	1.95863
5100	5.0956	-6.0651	1.9707	72.6629	24.4369	1.97075
5200	5.1009	-6.0762	1.9787	72.9600	24.2614	1.97875
5300	5.1052	-6.0857	1.9842	73.1979	24.0396	1.98424
5400	5.1089	-6.0947	1.9882	73.4024	23.7973	1.98824
5500	5.1124	-6.1034	1.9914	73.5901	23.5510	1.99146
5600	5.1158	-6.1118	1.9943	73.7725	23.3111	1.99433
5700	5.1192	-6.1202	1.9972	73.9576	23.0856	1.99722
5800	5.1229	-6.1284	2.0004	74.1518	22.8799	2.00037
5900	5.1269	-6.1366	2.0040	74.3608	22.6989	2.00431
6000	5.1312	-6.1448	2.0083	74.5899	22.5472	2.00834
6100	5.1362	-6.1532	2.0136	74.8440	22.4298	2.01359
6200	5.1417	-6.1616	2.0200	75.1292	22.3509	2.01996
6300	5.1480	-6.1702	2.0277	75.4513	22.3156	2.02772
6400	5.1551	-6.1790	2.0371	75.8172	22.3301	2.03712
6500	5.1632	-6.1882	2.0485	76.2341	22.4006	2.04848
6600	5.1724	-6.1977	2.0621	76.7101	22.5335	2.06213
6700	5.1828	-6.2077	2.0784	77.2537	22.7369	2.07845
6800	5.1946	-6.2181	2.0978	77.8744	23.0188	2.09784
6900	5.2079	-6.2292	2.1207	78.5827	23.3884	2.12078
7000	5.2227	-6.2409	2.1477	79.3890	23.8550	2.14773
7100	5.2392	-6.2534	2.1792	80.3045	24.4282	2.17924
7200	5.2573	-6.2567	2.2158	81.3411	25.1188	2.21586
7300	5.2772	-6.2809	2.2580	82.5095	25.9351	2.25813
7400	5.2988	-6.2960	2.3065	83.8203	26.8868	2.30660
7500	5.3219	-6.3121	2.3616	85.2823	27.9807	2.36176
7600	5.3465	-6.3292	2.4239	86.9023	29.2221	2.42404
7700	5.3724	-6.3471	2.4934	88.6817	30.6105	2.49363
7800	5.3992	-6.3659	2.5704	90.5184	32.1424	2.57061

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7900	5.4266	-6.3854	2.6543	92.7012	33.8053	2.65465
8000	5.4543	-6.4055	2.7448	94.9132	35.5812	2.74516
8100	5.4818	-6.4258	2.8407	97.2262	37.4405	2.84105
8200	5.5087	-6.4461	2.9404	99.6043	39.3468	2.94084
8300	5.5346	-6.4661	3.0421	102.0022	41.2558	3.04259
8400	5.5590	-6.4856	3.1435	104.3726	43.1209	3.14418
8500	5.5816	-6.5042	3.2427	106.6654	44.8930	3.24332
8600	5.6022	-6.5217	3.3373	108.8362	46.5292	3.33791
8700	5.6207	-6.5391	3.4255	110.8500	47.9970	3.42620
8800	5.6371	-6.5532	3.5062	112.6816	49.2728	3.50687
8900	5.6514	-6.5669	3.5784	114.3177	50.3457	3.57909
9000	5.6637	-6.5794	3.6419	115.7575	51.2184	3.64266
9100	5.6742	-6.5907	3.6970	117.0090	51.8999	3.69778
9200	5.6832	-6.6010	3.7441	118.0849	52.4056	3.74488
9300	5.6908	-6.6103	3.7840	119.0042	52.7565	3.78474
9400	5.6972	-6.6187	3.8174	119.7870	52.9732	3.81820
9500	5.7026	-6.6265	3.8453	120.4519	53.0775	3.84610
9600	5.7073	-6.6337	3.8685	121.0181	53.0881	3.86926
9700	5.7112	-6.6403	3.8876	121.5010	53.0208	3.88841
9800	5.7146	-6.6465	3.9035	121.9153	52.8921	3.90423
9900	5.7176	-6.6524	3.9165	122.2731	52.7138	3.91728
10000	5.7201	-6.6579	3.9273	122.5845	52.4960	3.92804
10100	5.7224	-6.6632	3.9362	122.8578	52.2481	3.93692
10200	5.7244	-6.6683	3.9435	123.1003	51.9773	3.94425
10300	5.7262	-6.6732	3.9496	123.3168	51.6882	3.95031
10400	5.7279	-6.6780	3.9546	123.5130	51.3868	3.95533
10500	5.7294	-6.6826	3.9588	123.6918	51.0751	3.95949
10600	5.7308	-6.6871	3.9623	123.8567	50.7574	3.96297
10700	5.7321	-6.6915	3.9652	124.0098	50.4353	3.96586
10800	5.7334	-6.6958	3.9676	124.1535	50.1115	3.96828
10900	5.7345	-6.7000	3.9697	124.2889	49.7863	3.97030
11000	5.7357	-6.7042	3.9714	124.4177	49.4621	3.97200
11100	5.7367	-6.7083	3.9728	124.5408	49.1389	3.97344
11200	5.7378	-6.7123	3.9740	124.6594	48.8180	3.97465
11300	5.7388	-6.7163	3.9751	124.7737	48.5001	3.97568
11400	5.7398	-6.7202	3.9760	124.8846	48.1853	3.97656
11500	5.7408	-6.7241	3.9767	124.9927	47.8733	3.97731
11600	5.7418	-6.7279	3.9774	125.0981	47.5655	3.97796
11700	5.7427	-6.7317	3.9780	125.2016	47.2623	3.97853
11800	5.7436	-6.7354	3.9785	125.3029	46.9627	3.97902
11900	5.7446	-6.7392	3.9789	125.4031	46.6677	3.97946
12000	5.7455	-6.7428	3.9793	125.5019	46.3771	3.97985
12100	5.7464	-6.7465	3.9797	125.5996	46.0911	3.98023
12200	5.7473	-6.7501	3.9801	125.6965	45.8102	3.98057
12300	5.7482	-6.7537	3.9804	125.7929	45.5333	3.98090
12400	5.7492	-6.7572	3.9807	125.8890	45.2621	3.98125
12500	5.7501	-6.7608	3.9811	125.9854	44.9960	3.98160
12600	5.7510	-6.7643	3.9815	126.0819	44.7349	3.98198
12700	5.7520	-6.7577	3.9819	126.1792	44.4794	3.98240
12800	5.7529	-6.7712	3.9824	126.2776	44.2300	3.98287
12900	5.7539	-6.7746	3.9829	126.3775	43.9864	3.98341
13000	5.7549	-6.7781	3.9836	126.4794	43.7498	3.98405
13100	5.7560	-6.7815	3.9844	126.5840	43.5199	3.98490
13200	5.7570	-6.7849	3.9852	126.6921	43.2982	3.98570
13300	5.7582	-6.7883	3.9863	126.8044	43.0842	3.98676

LOG P=-4.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13400	5.7594	-6.7917	3.9876	126.9219	42.8798	3.98803
13500	5.7606	-6.7951	3.9891	127.0455	42.6853	3.98955
13600	5.7620	-6.7985	3.9909	127.1768	42.5023	3.99138
13700	5.7634	-6.8019	3.9931	127.3168	42.3317	3.99355
13800	5.7649	-6.8053	3.9957	127.4675	42.1747	3.99614
13900	5.7666	-6.8088	3.9988	127.6302	42.0340	3.99922
14000	5.7687	-6.8123	4.0025	127.8275	41.9304	4.00287
14100	5.7705	-6.8159	4.0068	128.0013	41.8060	4.00719
14200	5.7727	-6.8195	4.0119	128.2146	41.7241	4.01227
14300	5.7751	-6.8232	4.0178	128.4494	41.6667	4.01822
14400	5.7778	-6.8270	4.0248	128.7098	41.6365	4.02519
14500	5.7808	-6.8308	4.0329	128.9982	41.6367	4.03329
14600	5.7842	-6.8348	4.0423	129.3180	41.6703	4.04267
14700	5.7879	-6.8390	4.0531	129.6737	41.7412	4.05350
14800	5.7920	-6.8432	4.0655	130.0689	41.8530	4.06594
14900	5.7965	-6.8477	4.0798	130.5069	42.0089	4.08016
15000	5.8015	-6.8523	4.0959	130.9921	42.2119	4.09632

LOG P=-4.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-3.9636	1.0000	30.2151	3.4805	1.00000
200	2.8434	-4.2646	1.0000	32.6336	3.4862	1.00000
300	3.0198	-4.4407	1.0000	34.0507	3.4891	1.00000
400	3.1455	-4.5657	1.0000	35.0608	3.4952	1.00000
500	3.2440	-4.6626	1.0000	35.8549	3.5074	1.00000
600	3.3256	-4.7417	1.0000	36.5147	3.5270	1.00000
700	3.3955	-4.8087	1.0000	37.0860	3.5516	1.00000
800	3.4572	-4.8657	1.0000	37.5907	3.5817	1.00000
900	3.5121	-4.9178	1.0000	38.0466	3.6129	1.00000
1000	3.5619	-4.9636	1.0000	38.4621	3.6467	1.00000
1100	3.6071	-5.0050	1.0000	38.8435	3.6791	1.00000
1200	3.6488	-5.0428	1.0000	39.1996	3.7122	1.00000
1300	3.6874	-5.0775	1.0000	39.5307	3.7452	1.00000
1400	3.7234	-5.1097	1.0000	39.8419	3.7779	1.00000
1500	3.7576	-5.1400	1.0001	40.1426	3.8154	1.00015
1600	3.7909	-5.1682	1.0005	40.4361	3.8617	1.00052
1700	3.8250	-5.1950	1.0016	40.7415	3.9313	1.00160
1800	3.8629	-5.2210	1.0043	41.0904	4.0519	1.00432
1900	3.9095	-5.2471	1.0105	41.5362	4.2734	1.01046
2000	3.9699	-5.2747	1.0228	42.1562	4.6654	1.02279
2100	4.0467	-5.3051	1.0448	43.0359	5.3029	1.04476
2200	4.1355	-5.3391	1.0784	44.2089	6.2097	1.07844
2300	4.2219	-5.3748	1.1201	45.5450	7.2466	1.12006
2400	4.2892	-5.4079	1.1584	46.7357	8.1093	1.15839
2500	4.3317	-5.4351	1.1838	47.5528	8.5848	1.18382
2600	4.3562	-5.4569	1.1970	48.0435	8.7350	1.19704
2700	4.3717	-5.4756	1.2032	48.3546	8.7161	1.20325
2800	4.3833	-5.4925	1.2063	48.5858	8.6322	1.20625
2900	4.3933	-5.5083	1.2079	48.7844	8.5296	1.20795
3000	4.4033	-5.5235	1.2092	48.9729	8.4303	1.20923
3100	4.4129	-5.5382	1.2106	49.1651	8.3479	1.21060
3200	4.4238	-5.5527	1.2125	49.3728	8.2913	1.21247
3300	4.4362	-5.5670	1.2153	49.6101	8.2737	1.21527
3400	4.4511	-5.5815	1.2196	49.8943	8.3110	1.21960

LOG P=-4.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	4.4695	-5.5965	1.2262	50.2486	8.4225	1.22622
3600	4.4926	-5.6122	1.2362	50.7024	8.6366	1.23616
3700	4.5217	-5.6292	1.2507	51.2922	8.9850	1.25072
3800	4.5580	-5.6480	1.2716	52.0634	9.5105	1.27159
3900	4.6020	-5.6691	1.3007	53.0648	10.2559	1.30069
4000	4.6538	-5.6931	1.3401	54.3475	11.2664	1.34012
4100	4.7125	-5.7202	1.3918	55.9545	12.5797	1.39184
4200	4.7755	-5.7505	1.4567	57.8963	14.1994	1.45674
4300	4.8398	-5.7831	1.5340	60.1342	16.0818	1.53396
4400	4.9009	-5.8166	1.6190	62.5363	18.0911	1.61904
4500	4.9551	-5.8488	1.7050	64.9118	20.0379	1.70500
4600	4.9992	-5.8778	1.7830	67.0342	21.7010	1.78297
4700	5.0328	-5.9024	1.8469	68.7593	22.9457	1.84686
4800	5.0569	-5.9226	1.8947	70.0553	23.7495	1.89470
4900	5.0736	-5.9392	1.9281	70.9795	24.1791	1.92815
5000	5.0852	-5.9530	1.9506	71.6265	24.3356	1.95063
5100	5.0934	-5.9649	1.9653	72.0831	24.3102	1.96533
5200	5.0994	-5.9754	1.9750	72.4185	24.1751	1.97504
5300	5.1041	-5.9851	1.9816	72.6800	23.9783	1.98162
5400	5.1081	-5.9943	1.9863	72.8980	23.7505	1.98629
5500	5.1116	-6.0030	1.9899	73.0924	23.5115	1.98988
5600	5.1151	-6.0115	1.9929	73.2764	23.2741	1.99292
5700	5.1185	-6.0199	1.9958	73.4591	23.0468	1.99582
5800	5.1221	-6.0281	1.9988	73.6478	22.8362	1.99885
5900	5.1259	-6.0362	2.0022	73.8481	22.6474	2.00223
6000	5.1300	-6.0444	2.0062	74.0651	22.4848	2.00620
6100	5.1347	-6.0526	2.0109	74.3037	22.3529	2.01095
6200	5.1398	-6.0609	2.0167	74.5695	22.2561	2.01668
6300	5.1457	-6.0693	2.0236	74.8678	22.1987	2.02363
6400	5.1523	-6.0780	2.0320	75.2048	22.1864	2.03204
6500	5.1597	-6.0869	2.0422	75.5871	22.2245	2.04218
6600	5.1682	-6.0961	2.0543	76.0219	22.3194	2.05437
6700	5.1778	-6.1057	2.0689	76.5170	22.4775	2.06893
6800	5.1887	-6.1157	2.0862	77.0807	22.7069	2.08623
6900	5.2009	-6.1263	2.1067	77.7227	23.0152	2.10670
7000	5.2145	-6.1375	2.1307	78.4524	23.4110	2.13078
7100	5.2297	-6.1493	2.1589	79.2799	23.9031	2.15893
7200	5.2465	-6.1620	2.1916	80.2165	24.5011	2.19168
7300	5.2650	-6.1754	2.2295	81.2722	25.2144	2.22954
7400	5.2851	-6.1897	2.2729	82.4575	26.0508	2.27304
7500	5.3067	-6.2049	2.3225	83.7813	27.0185	2.32266
7600	5.3299	-6.2210	2.3787	85.2523	28.1247	2.37888
7700	5.3544	-6.2381	2.4418	86.8740	29.3709	2.44200
7800	5.3800	-6.2560	2.5120	88.6484	30.7576	2.51223
7900	5.4065	-6.2747	2.5892	90.5699	32.2775	2.58950
8000	5.4335	-6.2940	2.6732	92.6282	33.9193	2.67349
8100	5.4607	-6.3137	2.7631	94.8028	35.6618	2.76345
8200	5.4876	-6.3337	2.8579	97.0675	37.4774	2.85834
8300	5.5138	-6.3536	2.9561	99.3855	39.3301	2.95661
8400	5.5390	-6.3733	3.0559	101.7159	41.1786	3.05649
8500	5.5627	-6.3923	3.1553	104.0122	42.9772	3.15587
8600	5.5846	-6.4105	3.2520	106.2290	44.6814	3.25265
8700	5.6047	-6.4277	3.3442	108.3263	46.2529	3.34488
8800	5.6226	-6.4437	3.4302	110.2708	47.6608	3.43090
8900	5.6386	-6.4584	3.5087	112.0399	48.8844	3.50949

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T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	5.6525	-6.4719	3.5792	113.6232	49.9162	3.57999
9100	5.6645	-6.4842	3.6414	115.0205	50.7571	3.64221
9200	5.6749	-6.4953	3.6954	116.2375	51.4156	3.69625
9300	5.6837	-6.5054	3.7418	117.2884	51.9078	3.74264
9400	5.6912	-6.5146	3.7812	118.1904	52.2526	3.78208
9500	5.6976	-6.5230	3.8144	118.9605	52.4687	3.81530
9600	5.7031	-6.5307	3.8423	119.6179	52.5759	3.84313
9700	5.7077	-6.5378	3.8655	120.1792	52.5920	3.86632
9800	5.7117	-6.5444	3.8847	120.6598	52.5334	3.88558
9900	5.7151	-6.5506	3.9007	121.0734	52.4141	3.90156
10000	5.7181	-6.5565	3.9140	121.4315	52.2457	3.91480
10100	5.7207	-6.5620	3.9249	121.7436	52.0396	3.92576
10200	5.7230	-6.5573	3.9340	122.0184	51.8024	3.93483
10300	5.7250	-6.5724	3.9416	122.2619	51.5421	3.94236
10400	5.7269	-6.5772	3.9478	122.4804	51.2636	3.94861
10500	5.7285	-6.5820	3.9530	122.6777	50.9715	3.95380
10600	5.7301	-6.5866	3.9574	122.8580	50.6699	3.95813
10700	5.7315	-6.5910	3.9610	123.0239	50.3618	3.96175
10800	5.7329	-6.5954	3.9640	123.1782	50.0489	3.96477
10900	5.7341	-6.5997	3.9666	123.3226	49.7334	3.96731
11000	5.7353	-6.6039	3.9687	123.4588	49.4171	3.96944
11100	5.7364	-6.6080	3.9705	123.5880	49.1007	3.97124
11200	5.7375	-6.6121	3.9721	123.7118	48.7851	3.97276
11300	5.7386	-6.6161	3.9734	123.8306	48.4719	3.97405
11400	5.7396	-6.6200	3.9745	123.9451	48.1611	3.97515
11500	5.7406	-6.6239	3.9754	124.0563	47.8527	3.97609
11600	5.7416	-6.6278	3.9763	124.1642	47.5470	3.97689
11700	5.7426	-6.6316	3.9770	124.2698	47.2464	3.97759
11800	5.7435	-6.6354	3.9776	124.3728	46.9484	3.97820
11900	5.7444	-6.6391	3.9781	124.4742	46.6551	3.97872
12000	5.7454	-6.6428	3.9786	124.5741	46.3657	3.97919
12100	5.7463	-6.6464	3.9790	124.6724	46.0802	3.97953
12200	5.7472	-6.6500	3.9794	124.7699	45.7998	3.98001
12300	5.7481	-6.6536	3.9798	124.8664	45.5236	3.98038
12400	5.7491	-6.6572	3.9802	124.9623	45.2519	3.98074
12500	5.7500	-6.6607	3.9805	125.0582	44.9853	3.98110
12600	5.7509	-6.6642	3.9809	125.1538	44.7237	3.98147
12700	5.7518	-6.6577	3.9813	125.2498	44.4669	3.98185
12800	5.7528	-6.6711	3.9817	125.3464	44.2160	3.98228
12900	5.7538	-6.6746	3.9822	125.4441	43.9706	3.98276
13000	5.7547	-6.6780	3.9828	125.5431	43.7309	3.98331
13100	5.7557	-6.6814	3.9834	125.6440	43.4975	3.98394
13200	5.7568	-6.6848	3.9842	125.7475	43.2714	3.98468
13300	5.7578	-6.6881	3.9851	125.8542	43.0522	3.98555
13400	5.7590	-6.6915	3.9861	125.9648	42.8411	3.98659
13500	5.7601	-6.6949	3.9873	126.0803	42.6388	3.98782
13600	5.7614	-6.6982	3.9888	126.2017	42.4463	3.98930
13700	5.7627	-6.7016	3.9906	126.3299	42.2640	3.99104
13800	5.7641	-6.7050	3.9927	126.4667	42.0941	3.99314
13900	5.7656	-6.7084	3.9952	126.6129	41.9372	3.99561
14000	5.7675	-6.7118	3.9981	126.7909	41.8150	3.99856
14100	5.7690	-6.7153	4.0016	126.9421	41.6692	4.00202
14200	5.7710	-6.7188	4.0057	127.1290	41.5619	4.00612
14300	5.7731	-6.7224	4.0105	127.3335	41.4754	4.01093
14400	5.7755	-6.7260	4.0161	127.5588	41.4113	4.01657

LOG P=-4.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	5.7781	-6.7297	4.0227	127.8070	41.3731	4.02314
14600	5.7810	-6.7335	4.0303	128.0812	41.3630	4.03078
14700	5.7842	-6.7375	4.0392	128.3853	41.3849	4.03962
14800	5.7877	-6.7415	4.0494	128.7224	41.4410	4.04981
14900	5.7916	-6.7457	4.0611	129.0957	41.5350	4.06150
15000	5.7959	-6.7500	4.0744	129.5091	41.6707	4.07485

LOG P=-4.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-3.8636	1.0000	29.9846	3.4805	1.00000
200	2.8434	-4.1646	1.0000	32.4034	3.4862	1.00000
300	3.0198	-4.3407	1.0000	33.8203	3.4891	1.00000
400	3.1455	-4.4557	1.0000	34.8303	3.4952	1.00000
500	3.2440	-4.5626	1.0000	35.6247	3.5074	1.00000
600	3.3256	-4.6417	1.0000	36.2842	3.5270	1.00000
700	3.3955	-4.7087	1.0000	36.8555	3.5516	1.00000
800	3.4572	-4.7657	1.0000	37.3604	3.5817	1.00000
900	3.5121	-4.8178	1.0000	37.8161	3.6129	1.00000
1000	3.5619	-4.8636	1.0000	38.2316	3.6467	1.00000
1100	3.6071	-4.9050	1.0000	38.6134	3.6791	1.00000
1200	3.6488	-4.9428	1.0000	38.9693	3.7122	1.00000
1300	3.6874	-4.9775	1.0000	39.3003	3.7452	1.00000
1400	3.7234	-5.0097	1.0000	39.6114	3.7779	1.00000
1500	3.7576	-5.0400	1.0001	39.9117	3.8148	1.00013
1600	3.7907	-5.0682	1.0005	40.2036	3.8595	1.00046
1700	3.8243	-5.0949	1.0014	40.5046	3.9250	1.00142
1800	3.8612	-5.1208	1.0039	40.8433	4.0360	1.00385
1900	3.9059	-5.1466	1.0093	41.2677	4.2374	1.00934
2000	3.9631	-5.1737	1.0204	41.8484	4.5928	1.02041
2100	4.0361	-5.2032	1.0403	42.6674	5.1744	1.04034
2200	4.1219	-5.2363	1.0715	43.7697	6.0181	1.07154
2300	4.2083	-5.2716	1.1117	45.0654	7.0237	1.11165
2400	4.2791	-5.3051	1.1510	46.2830	7.9224	1.15098
2500	4.3259	-5.3333	1.1791	47.1664	8.4705	1.17905
2600	4.3533	-5.3560	1.1945	47.7100	8.6768	1.19448
2700	4.3703	-5.3751	1.2019	48.0492	8.6875	1.20191
2800	4.3825	-5.3922	1.2055	48.2930	8.6170	1.20552
2900	4.3928	-5.4081	1.2075	48.4965	8.5198	1.20748
3000	4.4025	-5.4234	1.2088	48.6858	8.4215	1.20885
3100	4.4124	-5.4381	1.2102	48.8756	8.3371	1.21021
3200	4.4229	-5.4525	1.2120	49.0778	8.2753	1.21195
3300	4.4349	-5.4668	1.2145	49.3053	8.2488	1.21450
3400	4.4491	-5.4811	1.2184	49.5741	8.2715	1.21840
3500	4.4663	-5.4958	1.2243	49.9048	8.3609	1.22432
3600	4.4879	-5.5112	1.2332	50.3239	8.5425	1.23321
3700	4.5149	-5.5277	1.2462	50.8643	8.8446	1.24623
3800	4.5486	-5.5457	1.2649	51.5672	9.3063	1.26491
3900	4.5896	-5.5658	1.2910	52.4775	9.9669	1.29101
4000	4.6383	-5.5886	1.3265	53.6438	10.8695	1.32651
4100	4.6939	-5.6144	1.3734	55.1107	12.0541	1.37338
4200	4.7547	-5.6433	1.4329	56.8996	13.5353	1.43286
4300	4.8179	-5.5748	1.5049	58.9943	15.2915	1.50489
4400	4.8795	-5.7077	1.5864	61.2982	17.2216	1.58636
4500	4.9358	-5.7402	1.6716	63.6538	19.1684	1.67160

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.9833	-5.7702	1.7523	65.8449	20.9187	1.75228
4700	5.0206	-5.7963	1.8214	67.7011	22.3094	1.82139
4800	5.0481	-5.8182	1.8753	69.1455	23.2733	1.87526
4900	5.0676	-5.8360	1.9142	70.2016	23.8434	1.91419
5000	5.0811	-5.8508	1.9410	70.9503	24.1075	1.94096
5100	5.0906	-5.8634	1.9587	71.4778	24.1568	1.95874
5200	5.0975	-5.8744	1.9705	71.8601	24.0711	1.97053
5300	5.1028	-5.8845	1.9785	72.1513	23.9056	1.97847
5400	5.1071	-5.8938	1.9840	72.3871	23.6967	1.98399
5500	5.1108	-5.9027	1.9881	72.5912	23.4683	1.98810
5600	5.1143	-5.9112	1.9914	72.7791	23.2355	1.99140
5700	5.1178	-5.9195	1.9944	72.9615	23.0085	1.99438
5800	5.1213	-5.9277	1.9973	73.1463	22.7949	1.99736
5900	5.1250	-5.9359	2.0006	73.3395	22.5997	2.00056
6000	5.1289	-5.9440	2.0042	73.5462	22.4276	2.00422
6100	5.1333	-5.9521	2.0085	73.7714	22.2833	2.00855
6200	5.1382	-5.9602	2.0137	74.0201	22.1705	2.01372
6300	5.1436	-5.9685	2.0200	74.2974	22.0939	2.01996
6400	5.1497	-5.9770	2.0275	74.6088	22.0577	2.02749
6500	5.1567	-5.9857	2.0365	74.9604	22.0673	2.03656
6600	5.1645	-5.9946	2.0474	75.3586	22.1281	2.04744
6700	5.1733	-6.0039	2.0604	75.8104	22.2463	2.06043
6800	5.1833	-6.0136	2.0758	76.3234	22.4284	2.07588
6900	5.1945	-6.0237	2.0941	76.9059	22.6820	2.09414
7000	5.2071	-6.0344	2.1156	77.5671	23.0146	2.11564
7100	5.2211	-6.0457	2.1407	78.3157	23.4337	2.14077
7200	5.2366	-6.0576	2.1700	79.1622	23.9493	2.17005
7300	5.2537	-6.0704	2.2038	80.1161	24.5686	2.20393
7400	5.2724	-6.0839	2.2428	81.1874	25.3010	2.24290
7500	5.2926	-6.0982	2.2873	82.3852	26.1535	2.28746
7600	5.3143	-6.1135	2.3379	83.7184	27.1341	2.33810
7700	5.3374	-6.1296	2.3949	85.1923	28.2460	2.39515
7800	5.3618	-6.1467	2.4587	86.8114	29.4925	2.45892
7900	5.3872	-6.1645	2.5292	88.5741	30.8710	2.52952
8000	5.4133	-6.1830	2.6065	90.4757	32.3750	2.60686
8100	5.4398	-6.2021	2.6901	92.5027	33.9899	2.69047
8200	5.4664	-6.2216	2.7793	94.6376	35.6971	2.77975
8300	5.4927	-6.2413	2.8730	96.8513	37.4671	2.87346
8400	5.5183	-6.2608	2.9697	99.1103	39.2663	2.97021
8500	5.5428	-6.2801	3.0675	101.3732	41.0534	3.06815
8600	5.5658	-6.2987	3.1647	103.5975	42.7875	3.16535
8700	5.5872	-6.3165	3.2591	105.7422	44.4285	3.25986
8800	5.6067	-6.3333	3.3491	107.7699	45.9396	3.34985
8900	5.6242	-6.3489	3.4330	109.6501	47.2935	3.43377
9000	5.6397	-6.3634	3.5097	111.3636	48.4722	3.51056
9100	5.6534	-6.3766	3.5787	112.9007	49.4677	3.57960
9200	5.6652	-6.3887	3.6397	114.2595	50.2813	3.64063
9300	5.6754	-6.3997	3.6929	115.4474	50.9219	3.69382
9400	5.6841	-6.4097	3.7387	116.4767	51.4042	3.73964
9500	5.6916	-6.4188	3.7778	117.3623	51.7438	3.77871
9600	5.6980	-6.4271	3.8108	118.1224	51.9612	3.81179
9700	5.7034	-6.4348	3.8387	118.7734	52.0731	3.83961
9800	5.7080	-6.4419	3.8620	119.3312	52.0968	3.86290
9900	5.7120	-6.4485	3.8814	119.8108	52.0478	3.88234
10000	5.7155	-6.4546	3.8976	120.2246	51.9386	3.89854

LOG P=-4.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10100	5.7185	-6.4605	3.9111	120.5837	51.7817	3.91200
10200	5.7211	-6.4660	3.9223	120.8979	51.5863	3.92320
10300	5.7235	-6.4713	3.9316	121.1742	51.3606	3.93252
10400	5.7256	-6.4763	3.9394	121.4201	51.1116	3.94028
10500	5.7274	-6.4812	3.9459	121.6402	50.8440	3.94674
10600	5.7291	-6.4859	3.9513	121.8395	50.5625	3.95213
10700	5.7307	-6.4905	3.9558	122.0214	50.2710	3.95664
10800	5.7322	-6.4949	3.9595	122.1889	49.9720	3.96042
10900	5.7335	-6.4993	3.9628	122.3442	49.6684	3.96359
11000	5.7348	-6.5035	3.9655	122.4896	49.3616	3.96625
11100	5.7360	-6.5077	3.9677	122.6267	49.0531	3.96850
11200	5.7371	-6.5118	3.9696	122.7569	48.7449	3.97040
11300	5.7383	-6.5159	3.9713	122.8811	48.4373	3.97202
11400	5.7393	-6.5198	3.9726	123.0001	48.1308	3.97339
11500	5.7404	-6.5238	3.9738	123.1151	47.8267	3.97456
11600	5.7414	-6.5276	3.9748	123.2262	47.5251	3.97556
11700	5.7424	-6.5315	3.9757	123.3345	47.2266	3.97643
11800	5.7433	-6.5352	3.9765	123.4397	46.9312	3.97717
11900	5.7443	-6.5390	3.9771	123.5429	46.6392	3.97782
12000	5.7452	-6.5427	3.9777	123.6442	46.3516	3.97839
12100	5.7462	-6.5463	3.9782	123.7437	46.0677	3.97890
12200	5.7471	-6.5500	3.9787	123.8420	45.7880	3.97936
12300	5.7480	-6.5535	3.9791	123.9390	45.5126	3.97978
12400	5.7490	-6.5571	3.9795	124.0352	45.2411	3.98018
12500	5.7499	-6.5606	3.9799	124.1308	44.9745	3.98056
12600	5.7508	-6.5641	3.9803	124.2261	44.7122	3.98093
12700	5.7517	-6.5676	3.9807	124.3213	44.4552	3.98131
12800	5.7527	-6.5711	3.9811	124.4167	44.2029	3.98171
12900	5.7536	-6.5745	3.9816	124.5127	43.9557	3.98214
13000	5.7546	-6.5779	3.9820	124.6096	43.7141	3.98263
13100	5.7555	-6.5813	3.9826	124.7077	43.4785	3.98318
13200	5.7565	-6.5847	3.9832	124.8076	43.2483	3.98380
13300	5.7576	-6.5880	3.9840	124.9101	43.0254	3.98453
13400	5.7586	-6.5914	3.9848	125.0153	42.8094	3.98539
13500	5.7598	-6.5947	3.9859	125.1245	42.6008	3.98640
13600	5.7609	-6.5980	3.9871	125.2381	42.4004	3.98760
13700	5.7621	-6.6014	3.9885	125.3571	42.2098	3.98902
13800	5.7634	-6.6047	3.9902	125.4827	42.0289	3.99071
13900	5.7648	-6.6081	3.9922	125.6159	41.8597	3.99271
14000	5.7665	-6.6114	3.9946	125.7781	41.7220	3.99508
14100	5.7679	-6.6148	3.9974	125.9113	41.5592	3.99787
14200	5.7696	-6.6183	4.0007	126.0768	41.4312	4.00117
14300	5.7715	-6.6217	4.0046	126.2566	41.3212	4.00506
14400	5.7736	-6.6253	4.0091	126.4532	41.2297	4.00961
14500	5.7758	-6.6288	4.0144	126.6686	41.1601	4.01493
14600	5.7783	-6.6325	4.0206	126.9051	41.1138	4.02113
14700	5.7811	-6.6362	4.0278	127.1664	41.0950	4.02831
14800	5.7842	-6.6401	4.0361	127.4548	41.1045	4.03662
14900	5.7875	-6.6440	4.0457	127.7736	41.1462	4.04618
15000	5.7912	-6.6481	4.0567	128.1261	41.2238	4.05715

LOG P=-4.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-3.7636	1.0000	29.7540	3.4805	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8434	-4.0646	1.0000	32.1729	3.4862	1.00000
300	3.0198	-4.2407	1.0000	33.5898	3.4891	1.00000
400	3.1455	-4.3557	1.0000	34.5999	3.4952	1.00000
500	3.2440	-4.4626	1.0000	35.3942	3.5074	1.00000
600	3.3256	-4.5418	1.0000	36.0540	3.5270	1.00000
700	3.3955	-4.5087	1.0000	36.6250	3.5516	1.00000
800	3.4572	-4.6557	1.0000	37.1304	3.5817	1.00000
900	3.5121	-4.7178	1.0000	37.5860	3.6129	1.00000
1000	3.5619	-4.7636	1.0000	38.0010	3.6467	1.00000
1100	3.6071	-4.8050	1.0000	38.3834	3.6791	1.00000
1200	3.6488	-4.8428	1.0000	38.7394	3.7122	1.00000
1300	3.6874	-4.8775	1.0000	39.0703	3.7452	1.00000
1400	3.7234	-4.9097	1.0000	39.3813	3.7779	1.00000
1500	3.7575	-4.9400	1.0001	39.6808	3.8142	1.00011
1600	3.7904	-4.9682	1.0004	39.9713	3.8575	1.00041
1700	3.8237	-4.9949	1.0013	40.2685	3.9195	1.00127
1800	3.8597	-5.0206	1.0034	40.5980	4.0219	1.00344
1900	3.9025	-5.0462	1.0083	41.0032	4.2052	1.00834
2000	3.9569	-5.0727	1.0183	41.5484	4.5275	1.01828
2100	4.0261	-5.1016	1.0363	42.3111	5.0571	1.03632
2200	4.1087	-5.1336	1.0651	43.3441	5.8385	1.06507
2300	4.1945	-5.1583	1.1034	44.5908	6.8043	1.10337
2400	4.2681	-5.2022	1.1432	45.8214	7.7249	1.14316
2500	4.3192	-5.2313	1.1737	46.7659	8.3409	1.17366
2600	4.3499	-5.2549	1.1915	47.3665	8.6090	1.19145
2700	4.3686	-5.2745	1.2003	47.7384	8.6534	1.20032
2800	4.3816	-5.2919	1.2046	47.9977	8.5992	1.20464
2900	4.3923	-5.3079	1.2069	43.2074	8.5087	1.20694
3000	4.4020	-5.3232	1.2084	48.3983	8.4124	1.20845
3100	4.4118	-5.3379	1.2098	48.5866	8.3267	1.20981
3200	4.4222	-5.3523	1.2115	48.7841	8.2607	1.21146
3300	4.4337	-5.3665	1.2138	49.0032	8.2261	1.21379
3400	4.4472	-5.3807	1.2173	49.2582	8.2361	1.21731
3500	4.4634	-5.3952	1.2226	49.5679	8.3056	1.22262
3600	4.4836	-5.4103	1.2306	49.9561	8.4583	1.23057
3700	4.5087	-5.4263	1.2422	50.4523	8.7190	1.24222
3800	4.5399	-5.4436	1.2589	51.0938	9.1235	1.25893
3900	4.5782	-5.4629	1.2823	51.9218	9.7074	1.28232
4000	4.6237	-5.4846	1.3142	52.9820	10.5119	1.31423
4100	4.6764	-5.5091	1.3566	54.3190	11.5769	1.35660
4200	4.7346	-5.5366	1.4109	55.9607	12.9239	1.41088
4300	4.7963	-5.5669	1.4776	57.9083	14.5491	1.47757
4400	4.8578	-5.5990	1.5547	60.0953	16.3808	1.55472
4500	4.9156	-5.6314	1.6380	62.3997	18.2956	1.63805
4600	4.9659	-5.6622	1.7201	64.6242	20.0977	1.72006
4700	5.0068	-5.6896	1.7934	66.5864	21.6111	1.79341
4800	5.0379	-5.7130	1.8531	68.1731	22.7305	1.85307
4900	5.0603	-5.7323	1.8978	69.3684	23.4493	1.89777
5000	5.0762	-5.7482	1.9294	70.2312	23.8343	1.92937
5100	5.0872	-5.7616	1.9507	70.8414	23.9705	1.95073
5200	5.0952	-5.7732	1.9650	71.2803	23.9442	1.96502
5300	5.1012	-5.7836	1.9746	71.6083	23.8175	1.97463
5400	5.1059	-5.7932	1.9812	71.8670	23.6331	1.98124
5500	5.1099	-5.8022	1.9860	72.0846	23.4191	1.98602
5600	5.1136	-5.8108	1.9897	72.2792	23.1939	1.98971

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	5.1170	-5.8192	1.9929	72.4635	22.9697	1.99287
5800	5.1205	-5.8274	1.9959	72.6462	22.7543	1.99586
5900	5.1241	-5.8355	1.9990	72.8341	22.5546	1.99896
6000	5.1279	-5.8436	2.0024	73.0325	22.3750	2.00239
6100	5.1321	-5.8516	2.0063	73.2460	22.2200	2.00634
6200	5.1367	-5.8597	2.0110	73.4798	22.0937	2.01104
6300	5.1418	-5.8678	2.0157	73.7386	21.9998	2.01665
6400	5.1475	-5.8761	2.0234	74.0273	21.9425	2.02341
6500	5.1539	-5.8846	2.0315	74.3516	21.9269	2.03152
6600	5.1611	-5.8933	2.0412	74.7172	21.9575	2.04124
6700	5.1693	-5.9023	2.0528	75.1303	22.0399	2.05284
6800	5.1785	-5.9116	2.0666	75.5979	22.1800	2.06652
6900	5.1888	-5.9214	2.0829	76.1277	22.3846	2.08293
7000	5.2004	-5.9316	2.1021	76.7275	22.6604	2.10211
7100	5.2133	-5.9424	2.1245	77.4055	23.0147	2.12456
7200	5.2276	-5.9538	2.1506	78.1713	23.4554	2.15071
7300	5.2434	-5.9658	2.1809	79.0336	23.9905	2.18101
7400	5.2607	-5.9786	2.2158	80.0018	24.6280	2.21590
7500	5.2795	-5.9922	2.2557	81.0847	25.3757	2.25585
7600	5.2998	-6.0066	2.3012	82.2917	26.2410	2.30136
7700	5.3215	-6.0219	2.3526	83.6286	27.2286	2.35278
7800	5.3445	-6.0380	2.4103	85.1017	28.3434	2.41049
7900	5.3687	-6.0550	2.4744	86.7125	29.5854	2.47470
8000	5.3938	-6.0727	2.5452	88.4604	30.9525	2.54550
8100	5.4195	-6.0910	2.6223	90.3371	32.4355	2.62267
8200	5.4456	-6.1099	2.7054	92.3310	34.0215	2.70582
8300	5.4716	-6.1291	2.7937	94.4213	35.6893	2.79414
8400	5.4973	-6.1484	2.8860	96.5822	37.4124	2.88656
8500	5.5222	-6.1576	2.9810	98.7794	39.1568	2.98160
8600	5.5461	-6.1865	3.0769	100.9755	40.8851	3.07758
8700	5.5685	-6.2047	3.1719	103.1313	42.5586	3.17268
8800	5.5893	-6.2221	3.2642	105.2079	44.1396	3.26504
8900	5.6083	-6.2386	3.3521	107.1699	45.5947	3.35291
9000	5.6254	-6.2539	3.4340	108.9909	46.8991	3.43491
9100	5.6406	-6.2681	3.5091	110.6534	48.0370	3.51006
9200	5.6540	-6.2811	3.5768	112.1469	49.0006	3.57773
9300	5.6656	-6.2931	3.6367	113.4715	49.7909	3.63771
9400	5.6757	-6.3039	3.6892	114.6339	50.4171	3.69022
9500	5.6844	-6.3138	3.7346	115.6443	50.8914	3.73560
9600	5.6918	-6.3229	3.7735	116.5182	51.2306	3.77450
9700	5.6982	-6.3312	3.8065	117.2705	51.4507	3.80755
9800	5.7036	-6.3388	3.8344	117.9171	51.5687	3.83547
9900	5.7083	-6.3458	3.8579	118.4737	51.6015	3.85895
10000	5.7123	-6.3524	3.8776	118.9533	51.5623	3.87864
10100	5.7158	-6.3586	3.8941	119.3683	51.4645	3.89509
10200	5.7189	-6.3544	3.9078	119.7296	51.3195	3.90885
10300	5.7216	-6.3699	3.9193	120.0456	51.1360	3.92032
10400	5.7239	-6.3752	3.9289	120.3248	50.9219	3.92991
10500	5.7261	-6.3802	3.9370	120.5729	50.6839	3.93792
10600	5.7280	-6.3851	3.9437	120.7956	50.4273	3.94462
10700	5.7297	-6.3898	3.9493	120.9971	50.1566	3.95024
10800	5.7313	-6.3943	3.9540	121.1810	49.8753	3.95495
10900	5.7328	-6.3988	3.9580	121.3500	49.5858	3.95890
11000	5.7342	-6.4031	3.9613	121.5069	49.2914	3.96224
11100	5.7355	-6.4073	3.9642	121.6538	48.9930	3.96506

LOG P=-4.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.7367	-6.4115	3.9666	121.7921	48.6935	3.96743
11300	5.7379	-6.4156	3.9686	121.9232	48.3937	3.96946
11400	5.7390	-6.4196	3.9703	122.0479	48.0927	3.97117
11500	5.7401	-6.4235	3.9718	122.1678	47.7941	3.97264
11600	5.7411	-6.4274	3.9731	122.2830	47.4969	3.97390
11700	5.7422	-6.4313	3.9742	122.3948	47.2025	3.97498
11800	5.7431	-6.4351	3.9751	122.5029	46.9098	3.97590
11900	5.7441	-6.4389	3.9759	122.6084	46.6205	3.97670
12000	5.7451	-6.4426	3.9767	122.7118	46.3353	3.97740
12100	5.7460	-6.4462	3.9773	122.8129	46.0530	3.97802
12200	5.7470	-6.4499	3.9778	122.9123	45.7742	3.97857
12300	5.7479	-6.4535	3.9783	123.0103	45.4999	3.97906
12400	5.7488	-6.4570	3.9788	123.1070	45.2291	3.97951
12500	5.7498	-6.4606	3.9792	123.2030	44.9628	3.97993
12600	5.7507	-6.4641	3.9797	123.2983	44.7012	3.98034
12700	5.7516	-6.4675	3.9801	123.3931	44.4432	3.98073
12800	5.7525	-6.4710	3.9805	123.4877	44.1905	3.98113
12900	5.7535	-6.4744	3.9809	123.5827	43.9423	3.98155
13000	5.7544	-6.4778	3.9813	123.6780	43.6996	3.98199
13100	5.7554	-6.4812	3.9818	123.7739	43.4617	3.98248
13200	5.7564	-6.4846	3.9824	123.8713	43.2293	3.98302
13300	5.7574	-6.4879	3.9830	123.9704	43.0031	3.98365
13400	5.7584	-6.4913	3.9838	124.0715	42.7827	3.98437
13500	5.7594	-6.4946	3.9846	124.1755	42.5696	3.98520
13600	5.7605	-6.4979	3.9856	124.2829	42.3637	3.98619
13700	5.7617	-6.5012	3.9868	124.3944	42.1656	3.98735
13800	5.7629	-6.5045	3.9881	124.5112	41.9760	3.98872
13900	5.7642	-6.5078	3.9898	124.6338	41.7965	3.99033
14000	5.7657	-6.5111	3.9917	124.7836	41.6475	3.99224
14100	5.7670	-6.5145	3.9939	124.9021	41.4700	3.99449
14200	5.7685	-6.5178	3.9965	125.0505	41.3258	3.99716
14300	5.7702	-6.5212	3.9997	125.2102	41.1961	4.00029
14400	5.7720	-6.5247	4.0034	125.3837	41.0826	4.00396
14500	5.7740	-6.5281	4.0077	125.5721	40.9869	4.00826
14600	5.7762	-6.5316	4.0127	125.7778	40.9113	4.01327
14700	5.7786	-6.5352	4.0186	126.0036	40.8581	4.01910
14800	5.7812	-6.5389	4.0253	126.2520	40.8297	4.02585
14900	5.7841	-6.5427	4.0331	126.5253	40.8279	4.03364
15000	5.7874	-6.5466	4.0421	126.8268	40.8566	4.04261

LOG P=-4.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-3.6636	1.0000	29.5235	3.4805	1.00000
200	2.8434	-3.9546	1.0000	31.9426	3.4862	1.00000
300	3.0198	-4.1407	1.0000	33.3596	3.4891	1.00000
400	3.1455	-4.2557	1.0000	34.3700	3.4952	1.00000
500	3.2440	-4.3526	1.0000	35.1639	3.5074	1.00000
600	3.3256	-4.4418	1.0000	35.8240	3.5270	1.00000
700	3.3955	-4.5087	1.0000	36.3950	3.5515	1.00000
800	3.4572	-4.5667	1.0000	36.9002	3.5817	1.00000
900	3.5121	-4.6178	1.0000	37.3560	3.6129	1.00000
1000	3.5619	-4.6636	1.0000	37.7705	3.6467	1.00000
1100	3.6071	-4.7050	1.0000	38.1530	3.6791	1.00000
1200	3.6488	-4.7428	1.0000	38.5091	3.7122	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1300	3.6874	-4.7775	1.0000	38.8402	3.7452	1.00000
1400	3.7234	-4.8097	1.0000	39.1514	3.7779	1.00000
1500	3.7574	-4.8400	1.0001	39.4500	3.8137	1.00010
1600	3.7902	-4.8681	1.0004	39.7393	3.8559	1.00037
1700	3.8231	-4.8948	1.0011	40.0330	3.9145	1.00113
1800	3.8583	-4.9205	1.0031	40.3544	4.0092	1.00307
1900	3.8996	-4.9458	1.0074	40.7423	4.1764	1.00745
2000	3.9512	-4.9719	1.0164	41.2554	4.4687	1.01636
2100	4.0169	-5.0000	1.0327	41.9662	4.9505	1.03266
2200	4.0961	-5.0312	1.0590	42.9324	5.6713	1.05905
2300	4.1807	-5.0651	1.0953	44.1241	6.5907	1.09531
2400	4.2564	-5.0991	1.1350	45.3531	7.5189	1.13501
2500	4.3115	-5.1291	1.1676	46.3512	8.1957	1.16763
2600	4.3458	-5.1536	1.1879	47.0116	8.5271	1.18791
2700	4.3665	-5.1738	1.1984	47.4212	8.6123	1.19841
2800	4.3805	-5.1915	1.2036	47.6990	8.5777	1.20359
2900	4.3916	-5.2077	1.2063	47.9169	8.4960	1.20631
3000	4.4015	-5.2230	1.2080	48.1104	8.4027	1.20800
3100	4.4113	-5.2378	1.2094	48.2979	8.3165	1.20940
3200	4.4214	-5.2521	1.2110	48.4916	8.2470	1.21097
3300	4.4326	-5.2663	1.2131	48.7032	8.2056	1.21313
3400	4.4455	-5.2804	1.2163	48.9461	8.2041	1.21631
3500	4.4609	-5.2947	1.2211	49.2371	8.2563	1.22109
3600	4.4797	-5.3094	1.2282	49.5977	8.3829	1.22820
3700	4.5030	-5.3250	1.2386	50.0544	8.6067	1.23862
3800	4.5321	-5.3418	1.2536	50.6409	8.9599	1.25356
3900	4.5676	-5.3603	1.2745	51.3948	9.4748	1.27451
4000	4.6102	-5.3809	1.3032	52.3586	10.1897	1.30318
4100	4.6598	-5.4042	1.3414	53.5757	11.1440	1.34140
4200	4.7154	-5.4304	1.3907	55.0783	12.3640	1.39074
4300	4.7752	-5.4593	1.4521	56.8798	13.8578	1.45214
4400	4.8360	-5.4904	1.5245	58.9386	15.5782	1.52455
4500	4.8946	-5.5225	1.6049	61.1640	17.4329	1.60491
4600	4.9472	-5.5537	1.6869	63.3871	19.2526	1.68691
4700	4.9914	-5.5823	1.7634	65.4269	20.8609	1.76337
4800	5.0261	-5.6071	1.8283	67.1424	22.1234	1.82827
4900	5.0518	-5.6279	1.8788	68.4777	22.9932	1.87877
5000	5.0702	-5.6451	1.9156	69.4642	23.5099	1.91560
5100	5.0832	-5.6595	1.9411	70.1691	23.7464	1.94106
5200	5.0924	-5.6717	1.9583	70.6751	23.7910	1.95831
5300	5.0992	-5.6826	1.9700	71.0483	23.7118	1.96997
5400	5.1045	-5.6925	1.9779	71.3360	23.5580	1.97793
5500	5.1089	-5.7017	1.9836	71.5713	23.3631	1.98358
5600	5.1127	-5.7104	1.9878	71.7757	23.1484	1.98780
5700	5.1163	-5.7189	1.9912	71.9642	22.9290	1.99124
5800	5.1197	-5.7271	1.9943	72.1467	22.7145	1.99433
5900	5.1233	-5.7352	1.9974	72.3310	22.5118	1.99738
6000	5.1270	-5.7432	2.0006	72.5227	22.3262	2.00064
6100	5.1309	-5.7511	2.0043	72.7265	22.1623	2.00431
6200	5.1353	-5.7591	2.0086	72.9474	22.0240	2.00859
6300	5.1401	-5.7672	2.0137	73.1899	21.9151	2.01367
6400	5.1454	-5.7753	2.0197	73.4587	21.8393	2.01973
6500	5.1514	-5.7836	2.0270	73.7587	21.8012	2.02701
6600	5.1581	-5.7921	2.0357	74.0953	21.8049	2.03570
6700	5.1656	-5.8008	2.0461	74.4741	21.8554	2.04607

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6800	5.1741	-5.8399	2.0583	74.9014	21.9583	2.05837
6900	5.1836	-5.8193	2.0729	75.3840	22.1191	2.07292
7000	5.1943	-5.8291	2.0900	75.9290	22.3443	2.09004
7100	5.2061	-5.8394	2.1100	76.5438	22.6405	2.11008
7200	5.2193	-5.8503	2.1334	77.2371	23.0145	2.13344
7300	5.2339	-5.8617	2.1604	78.0170	23.4741	2.16050
7400	5.2499	-5.8739	2.1916	78.8922	24.0263	2.19171
7500	5.2674	-5.8867	2.2274	79.8712	24.6785	2.22750
7600	5.2863	-5.9003	2.2682	80.9629	25.4386	2.26832
7700	5.3066	-5.9148	2.3144	82.1739	26.3114	2.31457
7800	5.3283	-5.9300	2.3664	83.5113	27.3031	2.36665
7900	5.3512	-5.9461	2.4245	84.9783	28.4153	2.42481
8000	5.3751	-5.9630	2.4890	86.5772	29.6489	2.48927
8100	5.3998	-5.9805	2.5596	88.3040	30.9992	2.56000
8200	5.4251	-5.9987	2.6364	90.1521	32.4578	2.63682
8300	5.4507	-6.0173	2.7188	92.1086	34.0118	2.71927
8400	5.4762	-6.0352	2.8060	94.1537	35.6395	2.80657
8500	5.5013	-6.0552	2.8970	96.2604	37.3139	2.89757
8600	5.5256	-6.0741	2.9902	98.3972	39.0044	2.99091
8700	5.5489	-6.0925	3.0842	100.5287	40.6754	3.08496
8800	5.5707	-6.1104	3.1772	102.6181	42.2905	3.17799
8900	5.5910	-6.1274	3.2674	104.6286	43.8148	3.26824
9000	5.6096	-6.1436	3.3532	106.5298	45.2190	3.35415
9100	5.6263	-6.1586	3.4335	108.2973	46.4797	3.43445
9200	5.6412	-6.1726	3.5071	109.9127	47.5812	3.50812
9300	5.6544	-6.1854	3.5736	111.3683	48.5172	3.57453
9400	5.6659	-6.1972	3.6327	112.6637	49.2892	3.63392
9500	5.6759	-6.2080	3.6846	113.8026	49.9032	3.68571
9600	5.6845	-6.2178	3.7297	114.7976	50.3733	3.73080
9700	5.6919	-6.2268	3.7684	115.6608	50.7132	3.76957
9800	5.6983	-6.2350	3.8015	116.4066	50.9377	3.80266
9900	5.7038	-6.2426	3.8295	117.0507	51.0641	3.83075
10000	5.7085	-6.2497	3.8534	117.6058	51.1062	3.85449
10100	5.7126	-6.2563	3.8733	118.0874	51.0781	3.87446
10200	5.7161	-6.2624	3.8901	118.5050	50.9931	3.89126
10300	5.7192	-6.2682	3.9042	118.8687	50.8603	3.90533
10400	5.7219	-6.2737	3.9160	119.1882	50.6890	3.91714
10500	5.7244	-6.2790	3.9260	119.4703	50.4868	3.92703
10600	5.7265	-6.2840	3.9343	119.7216	50.2607	3.93533
10700	5.7285	-6.2889	3.9413	119.9471	50.0153	3.94231
10800	5.7303	-6.2936	3.9471	120.1513	49.7553	3.94817
10900	5.7319	-6.2981	3.9521	120.3374	49.4841	3.95310
11000	5.7334	-6.3025	3.9563	120.5085	49.2047	3.95726
11100	5.7348	-6.3068	3.9598	120.6673	48.9191	3.96078
11200	5.7361	-6.3111	3.9628	120.8157	48.6303	3.96374
11300	5.7374	-6.3152	3.9653	120.9552	48.3391	3.96628
11400	5.7386	-6.3193	3.9675	121.0872	48.0466	3.96842
11500	5.7397	-6.3233	3.9693	121.2132	47.7539	3.97025
11600	5.7408	-6.3272	3.9709	121.3335	47.4621	3.97182
11700	5.7419	-6.3311	3.9723	121.4494	47.1716	3.97316
11800	5.7429	-6.3349	3.9734	121.5613	46.8833	3.97431
11900	5.7439	-6.3387	3.9744	121.6699	46.5976	3.97532
12000	5.7449	-6.3424	3.9753	121.7757	46.3142	3.97617
12100	5.7459	-6.3461	3.9761	121.8789	46.0343	3.97694
12200	5.7468	-6.3497	3.9768	121.9801	45.7577	3.97760

LOG P=-4.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12300	5.7478	-6.3534	3.9774	122.0795	45.4848	3.97819
12400	5.7487	-6.3569	3.9779	122.1772	45.2151	3.97872
12500	5.7496	-6.3605	3.9784	122.2739	44.9498	3.97921
12600	5.7506	-6.3640	3.9789	122.3695	44.6883	3.97966
12700	5.7515	-6.3675	3.9793	122.4645	44.4314	3.98009
12800	5.7524	-6.3709	3.9798	122.5589	44.1780	3.98051
12900	5.7533	-6.3743	3.9802	122.6532	43.9295	3.98093
13000	5.7543	-6.3778	3.9806	122.7476	43.6857	3.98136
13100	5.7552	-6.3811	3.9811	122.8421	43.4465	3.98181
13200	5.7562	-6.3845	3.9816	122.9375	43.2124	3.98231
13300	5.7572	-6.3878	3.9822	123.0340	42.9835	3.98285
13400	5.7581	-6.3912	3.9828	123.1321	42.7605	3.98347
13500	5.7592	-6.3945	3.9835	123.2321	42.5433	3.98418
13600	5.7602	-6.3977	3.9843	123.3348	42.3326	3.98500
13700	5.7613	-6.4010	3.9853	123.4406	42.1293	3.98596
13800	5.7624	-6.4043	3.9864	123.5502	41.9328	3.98708
13900	5.7636	-6.4076	3.9878	123.6645	41.7456	3.98839
14000	5.7651	-6.4109	3.9893	123.8044	41.5870	3.98994
14100	5.7662	-6.4142	3.9911	123.9111	41.3981	3.99177
14200	5.7676	-6.4175	3.9933	124.0458	41.2407	3.99391
14300	5.7691	-6.4208	3.9958	124.1893	41.0956	3.99644
14400	5.7708	-6.4241	3.9988	124.3438	40.9642	3.99940
14500	5.7725	-6.4275	4.0023	124.5106	40.8480	4.00287
14600	5.7745	-6.4310	4.0063	124.6910	40.7478	4.00692
14700	5.7766	-6.4344	4.0110	124.8880	40.6673	4.01164
14800	5.7789	-6.4380	4.0165	125.1033	40.6068	4.01710
14900	5.7814	-6.4416	4.0228	125.3389	40.5692	4.02343
15000	5.7842	-6.4453	4.0301	125.5979	40.5570	4.03072

LOG P=-4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-3.5636	1.0000	29.2932	3.4806	1.00000
200	2.8434	-3.8646	1.0000	31.7126	3.4862	1.00000
300	3.0198	-4.0407	1.0000	33.1297	3.4891	1.00000
400	3.1455	-4.1657	1.0000	34.1398	3.4952	1.00000
500	3.2440	-4.2625	1.0000	34.9339	3.5074	1.00000
600	3.3256	-4.3417	1.0000	35.5937	3.5270	1.00000
700	3.3955	-4.4087	1.0000	36.1650	3.5516	1.00000
800	3.4572	-4.4667	1.0000	36.6696	3.5817	1.00000
900	3.5121	-4.5178	1.0000	37.1256	3.6129	1.00000
1000	3.5619	-4.5636	1.0000	37.5402	3.6467	1.00000
1100	3.6071	-4.6050	1.0000	37.9224	3.6791	1.00000
1200	3.6488	-4.6428	1.0000	38.2786	3.7122	1.00000
1300	3.6874	-4.6775	1.0000	38.6097	3.7452	1.00000
1400	3.7234	-4.7097	1.0000	38.9209	3.7779	1.00000
1500	3.7574	-4.7400	1.0001	39.2193	3.8133	1.00009
1600	3.7901	-4.7681	1.0003	39.5074	3.8544	1.00033
1700	3.8226	-4.7947	1.0010	39.7980	3.9101	1.00101
1800	3.8571	-4.8203	1.0027	40.1122	3.9979	1.00273
1900	3.8969	-4.8455	1.0067	40.4847	4.1507	1.00665
2000	3.9461	-4.8712	1.0146	40.9688	4.4159	1.01463
2100	4.0083	-4.8986	1.0293	41.6321	4.8537	1.02934
2200	4.0841	-4.9289	1.0535	42.5343	5.5165	1.05347
2300	4.1669	-4.9620	1.0875	43.6671	6.3849	1.08754

LOG P=-4.0

T	LOG H/R	LOG R40	Z	S/R	H/RT	Z*
2400	4.2440	-4.9959	1.1267	44.8817	7.3079	1.12667
2500	4.3030	-5.0266	1.1610	45.9233	8.0360	1.16100
2600	4.3410	-5.0521	1.1838	46.6444	8.4330	1.18379
2700	4.3640	-5.0730	1.1961	47.0964	8.5633	1.19615
2800	4.3792	-5.0910	1.2023	47.3965	8.5523	1.20235
2900	4.3909	-5.1074	1.2056	47.5246	8.4814	1.20557
3000	4.4010	-5.1229	1.2075	47.8218	8.3922	1.20749
3100	4.4108	-5.1376	1.2090	48.0093	8.3063	1.20897
3200	4.4208	-5.1520	1.2105	48.1999	8.2341	1.21050
3300	4.4316	-5.1661	1.2125	48.4051	8.1867	1.21251
3400	4.4440	-5.1801	1.2154	48.6373	8.1753	1.21540
3500	4.4585	-5.1942	1.2197	48.9118	8.2119	1.21970
3600	4.4762	-5.2087	1.2261	49.2478	8.3156	1.22608
3700	4.4979	-5.2239	1.2354	49.6692	8.5063	1.23539
3800	4.5249	-5.2401	1.2488	50.2065	8.8135	1.24876
3900	4.5580	-5.2579	1.2675	50.8936	9.2662	1.26751
4000	4.5977	-5.2776	1.2932	51.7701	9.9002	1.29323
4100	4.6443	-5.2997	1.3277	52.8774	10.7531	1.32765
4200	4.6971	-5.3246	1.3724	54.2495	11.8533	1.37238
4300	4.7546	-5.3522	1.4286	55.9084	13.2181	1.42861
4400	4.8143	-5.3822	1.4960	57.8317	14.8193	1.49599
4500	4.8731	-5.4137	1.5726	59.9577	16.5928	1.57261
4600	4.9275	-5.4450	1.6533	62.1475	18.3977	1.65335
4700	4.9746	-5.4744	1.7316	64.2319	20.0682	1.73161
4800	5.0127	-5.5006	1.8009	66.0547	21.4536	1.80089
4900	5.0419	-5.5229	1.8570	67.5261	22.4719	1.85705
5000	5.0631	-5.5414	1.8994	68.6436	23.1286	1.89942
5100	5.0782	-5.5569	1.9295	69.4548	23.4776	1.92945
5200	5.0890	-5.5699	1.9502	70.0392	23.6049	1.95016
5300	5.0969	-5.5813	1.9643	70.4667	23.5832	1.96428
5400	5.1029	-5.5916	1.9739	70.7903	23.4673	1.97390
5500	5.1077	-5.6010	1.9807	71.0485	23.2966	1.98065
5600	5.1117	-5.6099	1.9856	71.2664	23.0965	1.98557
5700	5.1154	-5.6185	1.9894	71.4619	22.8850	1.98942
5800	5.1189	-5.6267	1.9927	71.6467	22.6732	1.99270
5900	5.1225	-5.6348	1.9958	71.8293	22.4698	1.99579
6000	5.1261	-5.6428	1.9989	72.0160	22.2798	1.99894
6100	5.1299	-5.6507	2.0024	72.2119	22.1089	2.00240
6200	5.1340	-5.6587	2.0063	72.4218	21.9607	2.00634
6300	5.1386	-5.6666	2.0109	72.6502	21.8387	2.01095
6400	5.1436	-5.6746	2.0164	72.9013	21.7467	2.01643
6500	5.1491	-5.6828	2.0229	73.1799	21.6887	2.02296
6600	5.1554	-5.6911	2.0307	73.4908	21.6687	2.03074
6700	5.1624	-5.6996	2.0400	73.8391	21.6909	2.04001
6800	5.1702	-5.7083	2.0510	74.2304	21.7605	2.05099
6900	5.1789	-5.7174	2.0640	74.6709	21.8824	2.06398
7000	5.1889	-5.7269	2.0792	75.1670	22.0625	2.07926
7100	5.1997	-5.7367	2.0971	75.7253	22.3062	2.09715
7200	5.2118	-5.7471	2.1179	76.3539	22.6207	2.11800
7300	5.2253	-5.7580	2.1421	77.0599	23.0120	2.14218
7400	5.2401	-5.7695	2.1700	77.8515	23.4875	2.17008
7500	5.2562	-5.7817	2.2020	78.7367	24.0536	2.20211
7600	5.2738	-5.7946	2.2385	79.7239	24.7179	2.23869
7700	5.2928	-5.8083	2.2800	80.8198	25.4857	2.28021
7800	5.3131	-5.8227	2.3259	82.0321	26.3638	2.32708

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7900	5.3347	-5.8379	2.3794	83.3649	27.3548	2.37960
8000	5.3574	-5.8539	2.4378	84.8227	28.4618	2.43807
8100	5.3810	-5.8707	2.5022	86.4046	29.6825	2.50256
8200	5.4054	-5.8881	2.5727	88.1082	31.0136	2.57310
8300	5.4302	-5.9060	2.6489	89.9246	32.4454	2.64940
8400	5.4553	-5.9244	2.7305	91.8411	33.9640	2.73100
8500	5.4802	-5.9430	2.8165	93.8373	35.5491	2.81707
8600	5.5047	-5.9616	2.9059	95.8883	37.1747	2.90655
8700	5.5285	-5.9801	2.9974	97.9644	38.8119	2.99811
8800	5.5512	-5.9982	3.0894	100.0328	40.4275	3.09024
8900	5.5725	-6.0157	3.1804	102.0582	41.9876	3.18126
9000	5.5923	-6.0325	3.2686	104.0074	43.4593	3.26954
9100	5.6105	-6.0483	3.3526	105.8524	44.8163	3.35366
9200	5.6269	-6.0631	3.4312	107.5683	46.0360	3.43229
9300	5.6415	-6.0768	3.5035	109.1403	47.1046	3.50462
9400	5.6545	-6.0895	3.5690	110.5616	48.0171	3.57012
9500	5.6659	-6.1012	3.6274	111.8292	48.7724	3.62854
9600	5.6758	-6.1118	3.6788	112.9499	49.3792	3.68007
9700	5.6844	-6.1216	3.7237	113.9317	49.8471	3.72496
9800	5.6918	-6.1306	3.7625	114.7868	50.1890	3.76375
9900	5.6982	-6.1388	3.7958	115.5293	50.4205	3.79701
10000	5.7038	-6.1464	3.8241	116.1725	50.5554	3.82538
10100	5.7086	-6.1534	3.8482	116.7293	50.6091	3.84942
10200	5.7127	-6.1600	3.8685	117.2127	50.5940	3.86978
10300	5.7163	-6.1662	3.8857	117.6329	50.5210	3.88692
10400	5.7195	-6.1720	3.9002	118.0008	50.4009	3.90139
10500	5.7223	-6.1775	3.9124	118.3238	50.2426	3.91356
10600	5.7247	-6.1827	3.9226	118.6098	50.0531	3.92380
10700	5.7270	-6.1878	3.9313	118.8648	49.8391	3.93243
10800	5.7290	-6.1926	3.9385	119.0937	49.6054	3.93970
10900	5.7308	-6.1973	3.9447	119.3006	49.3560	3.94582
11000	5.7324	-6.2018	3.9499	119.4894	49.0956	3.95100
11100	5.7340	-6.2062	3.9543	119.6630	48.8255	3.95539
11200	5.7354	-6.2106	3.9580	119.8241	48.5503	3.95911
11300	5.7368	-6.2148	3.9612	119.9742	48.2704	3.96227
11400	5.7380	-6.2189	3.9639	120.1153	47.9873	3.96495
11500	5.7392	-6.2229	3.9662	120.2488	47.7029	3.96724
11600	5.7404	-6.2269	3.9682	120.3756	47.4182	3.96920
11700	5.7415	-6.2308	3.9699	120.4971	47.1338	3.97088
11800	5.7426	-6.2347	3.9713	120.6135	46.8504	3.97232
11900	5.7436	-6.2385	3.9726	120.7261	46.5687	3.97357
12000	5.7447	-6.2422	3.9737	120.8352	46.2892	3.97465
12100	5.7457	-6.2459	3.9746	120.9412	46.0124	3.97558
12200	5.7466	-6.2496	3.9755	121.0447	45.7381	3.97640
12300	5.7476	-6.2532	3.9762	121.1459	45.4668	3.97713
12400	5.7486	-6.2568	3.9769	121.2451	45.1990	3.97777
12500	5.7495	-6.2604	3.9775	121.3430	44.9351	3.97834
12600	5.7504	-6.2639	3.9780	121.4395	44.6745	3.97886
12700	5.7514	-6.2674	3.9785	121.5350	44.4181	3.97935
12800	5.7523	-6.2708	3.9790	121.6296	44.1651	3.97981
12900	5.7532	-6.2743	3.9794	121.7238	43.9163	3.98025
13000	5.7541	-6.2777	3.9799	121.8176	43.6720	3.98069
13100	5.7551	-6.2810	3.9803	121.9113	43.4323	3.98114
13200	5.7560	-6.2844	3.9808	122.0053	43.1968	3.98160
13300	5.7570	-6.2877	3.9813	122.1001	42.9667	3.98211

LOG P=-4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13400	5.7580	-6.2911	3.9819	122.1957	42.7413	3.98266
13500	5.7589	-6.2943	3.9825	122.2928	42.5215	3.98327
13600	5.7600	-6.2976	3.9832	122.3917	42.3072	3.98397
13700	5.7610	-6.3009	3.9840	122.4929	42.0994	3.98477
13800	5.7621	-6.3042	3.9850	122.5971	41.8979	3.98570
13900	5.7632	-6.3074	3.9861	122.7046	41.7038	3.98677
14000	5.7646	-6.3107	3.9873	122.8368	41.5377	3.98804
14100	5.7656	-6.3139	3.9888	122.9341	41.3401	3.98953
14200	5.7669	-6.3172	3.9906	123.0577	41.1721	3.99126
14300	5.7683	-6.3204	3.9926	123.1883	41.0144	3.99330
14400	5.7697	-6.3237	3.9950	123.3276	40.8681	3.99570
14500	5.7713	-6.3270	3.9978	123.4766	40.7347	3.99849
14600	5.7730	-6.3304	4.0011	123.6367	40.6156	4.00177
14700	5.7749	-6.3338	4.0049	123.8101	40.5117	4.00557
14800	5.7769	-6.3372	4.0093	123.9984	40.4256	4.00999
14900	5.7791	-6.3407	4.0145	124.2031	40.3587	4.01512
15000	5.7815	-6.3442	4.0204	124.4270	40.3130	4.02103

LOG P=-3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-3.4636	1.0000	29.0632	3.4805	1.00000
200	2.8434	-3.7646	1.0000	31.4824	3.4862	1.00000
300	3.0198	-3.9407	1.0000	32.8993	3.4891	1.00000
400	3.1455	-4.0557	1.0000	33.9093	3.4952	1.00000
500	3.2440	-4.1525	1.0000	34.7037	3.5074	1.00000
600	3.3256	-4.2417	1.0000	35.3632	3.5270	1.00000
700	3.3955	-4.3087	1.0000	35.9345	3.5516	1.00000
800	3.4572	-4.3667	1.0000	36.4393	3.5817	1.00000
900	3.5121	-4.4178	1.0000	36.8951	3.6129	1.00000
1000	3.5619	-4.4636	1.0000	37.3102	3.6467	1.00000
1100	3.6071	-4.5050	1.0000	37.6924	3.6791	1.00000
1200	3.6488	-4.5428	1.0000	38.0483	3.7122	1.00000
1300	3.6874	-4.5775	1.0000	38.3792	3.7452	1.00000
1400	3.7234	-4.6097	1.0000	38.6904	3.7779	1.00000
1500	3.7573	-4.6400	1.0001	38.9886	3.8129	1.00008
1600	3.7899	-4.6581	1.0003	39.2757	3.8530	1.00029
1700	3.8222	-4.6947	1.0009	39.5636	3.9061	1.00090
1800	3.8560	-4.7202	1.0024	39.8712	3.9878	1.00244
1900	3.8945	-4.7452	1.0059	40.2300	4.1276	1.00594
2000	3.9414	-4.7705	1.0131	40.6879	4.3685	1.01308
2100	4.0034	-4.7974	1.0263	41.3078	4.7661	1.02633
2200	4.0727	-4.8258	1.0483	42.1497	5.3737	1.04833
2300	4.1533	-4.8591	1.0801	43.2213	6.1887	1.08014
2400	4.2312	-4.8926	1.1183	44.4102	7.0948	1.11826
2500	4.2935	-4.9239	1.1538	45.4835	7.8625	1.15382
2600	4.3353	-4.9504	1.1791	46.2639	8.3245	1.17907
2700	4.3610	-4.9720	1.1935	46.7629	8.5049	1.19346
2800	4.3777	-4.9905	1.2009	47.0892	8.5217	1.20086
2900	4.3900	-5.0071	1.2047	47.3298	8.4641	1.20470
3000	4.4004	-5.0227	1.2069	47.5322	8.3805	1.20691
3100	4.4102	-5.0375	1.2085	47.7206	8.2959	1.20850
3200	4.4201	-5.0518	1.2100	47.9089	8.2218	1.21004
3300	4.4307	-5.0558	1.2119	48.1087	8.1695	1.21192
3400	4.4426	-5.0798	1.2146	48.3315	8.1493	1.21456

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	4.4564	-5.0937	1.2184	48.5913	8.1721	1.21844
3600	4.4730	-5.1080	1.2242	48.9053	8.2552	1.22416
3700	4.4933	-5.1228	1.2325	49.2953	8.4166	1.23249
3800	4.5184	-5.1386	1.2444	49.7885	8.6825	1.24445
3900	4.5491	-5.1557	1.2612	50.4158	9.0795	1.26124
4000	4.5861	-5.1746	1.2843	51.2133	9.6401	1.28429
4100	4.6298	-5.1956	1.3152	52.2204	10.4002	1.31524
4200	4.6797	-5.2193	1.3557	53.4714	11.3892	1.35568
4300	4.7349	-5.2456	1.4070	54.9938	12.6299	1.40696
4400	4.7929	-5.2744	1.4693	56.7801	14.1090	1.46929
4500	4.8515	-5.3050	1.5416	58.7921	15.7854	1.54158
4600	4.9070	-5.3361	1.6200	60.9200	17.5469	1.61996
4700	4.9565	-5.3661	1.6987	63.0161	19.2474	1.69872
4800	4.9979	-5.3934	1.7714	64.9209	20.7310	1.77135
4900	5.0304	-5.4171	1.8327	66.5165	21.8868	1.83268
5000	5.0547	-5.4371	1.8806	67.7666	22.6868	1.88065
5100	5.0723	-5.4537	1.9157	68.5934	23.1591	1.91569
5200	5.0849	-5.4677	1.9403	69.3676	23.3814	1.94034
5300	5.0940	-5.4798	1.9574	69.8597	23.4279	1.95736
5400	5.1008	-5.4905	1.9690	70.2274	23.3583	1.96902
5500	5.1062	-5.5003	1.9771	70.5144	23.2182	1.97714
5600	5.1106	-5.5094	1.9829	70.7500	23.0371	1.98295
5700	5.1145	-5.5180	1.9873	70.9557	22.8367	1.98735
5800	5.1181	-5.5263	1.9909	71.1450	22.6303	1.99094
5900	5.1216	-5.5345	1.9941	71.3280	22.4278	1.99415
6000	5.1252	-5.5424	1.9973	71.5115	22.2355	1.99727
6100	5.1289	-5.5503	2.0006	71.7011	22.0591	2.00058
6200	5.1329	-5.5582	2.0042	71.9018	21.9024	2.00424
6300	5.1372	-5.5661	2.0085	72.1180	21.7693	2.00847
6400	5.1419	-5.5740	2.0134	72.3538	21.6631	2.01343
6500	5.1471	-5.5820	2.0193	72.6135	21.5877	2.01931
6600	5.1529	-5.5901	2.0263	72.9017	21.5464	2.02629
6700	5.1594	-5.5984	2.0346	73.2229	21.5439	2.03459
6800	5.1666	-5.6069	2.0444	73.5823	21.5838	2.04440
6900	5.1747	-5.6157	2.0560	73.9853	21.6711	2.05600
7000	5.1838	-5.6248	2.0696	74.4377	21.8106	2.06964
7100	5.1938	-5.6343	2.0856	74.9457	22.0080	2.08561
7200	5.2050	-5.6443	2.1042	75.5163	22.2692	2.10422
7300	5.2174	-5.6547	2.1257	76.1561	22.5997	2.12581
7400	5.2311	-5.6657	2.1507	76.8725	23.0061	2.15073
7500	5.2460	-5.6772	2.1793	77.6732	23.4946	2.17937
7600	5.2623	-5.6895	2.2120	78.5659	24.0725	2.21211
7700	5.2800	-5.7024	2.2492	79.5572	24.7449	2.24934
7800	5.2990	-5.7160	2.2912	80.6548	25.5185	2.29145
7900	5.3192	-5.7304	2.3385	81.8638	26.3970	2.33876
8000	5.3406	-5.7456	2.3913	83.1892	27.3843	2.39160
8100	5.3630	-5.7615	2.4498	84.6328	28.4808	2.45014
8200	5.3864	-5.7781	2.5141	86.1947	29.6859	2.51453
8300	5.4104	-5.7952	2.5842	87.8702	30.9936	2.58464
8400	5.4348	-5.8130	2.6598	89.6524	32.3965	2.66028
8500	5.4593	-5.8311	2.7403	91.5262	33.8779	2.74086
8600	5.4837	-5.8494	2.8250	93.4731	35.4191	2.82554
8700	5.5077	-5.8677	2.9128	95.4693	36.9966	2.91357
8800	5.5309	-5.8858	3.0025	97.4865	38.5816	3.00339
8900	5.5530	-5.9036	3.0927	99.4929	40.1434	3.09357

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	5.5739	-5.9207	3.1816	101.4565	41.6499	3.18262
9100	5.5933	-5.9372	3.2680	103.3483	43.0739	3.26907
9200	5.6110	-5.9527	3.3503	105.1390	44.3869	3.35144
9300	5.6272	-5.9673	3.4275	106.8084	45.5705	3.42863
9400	5.6416	-5.9809	3.4986	108.3428	46.6116	3.49984
9500	5.6544	-5.9934	3.5632	109.7324	47.5029	3.56445
9600	5.6657	-6.0050	3.6210	110.9772	48.2465	3.62233
9700	5.6756	-6.0155	3.6722	112.0802	48.8463	3.67349
9800	5.6842	-6.0253	3.7169	113.0507	49.3136	3.71829
9900	5.6916	-6.0342	3.7558	113.8998	49.6604	3.75717
10000	5.6981	-6.0424	3.7893	114.6399	49.9001	3.79067
10100	5.7037	-6.0500	3.8180	115.2829	50.0459	3.81933
10200	5.7085	-6.0571	3.8424	115.9423	50.1115	3.84379
10300	5.7128	-6.0636	3.8632	116.3286	50.1092	3.86454
10400	5.7164	-6.0698	3.8808	116.7535	50.0502	3.88215
10500	5.7197	-6.0756	3.8957	117.1255	49.9438	3.89703
10600	5.7225	-6.0811	3.9083	117.4533	49.7988	3.90961
10700	5.7251	-6.0864	3.9189	117.7439	49.6222	3.92025
10800	5.7273	-6.0914	3.9280	118.0029	49.4206	3.92923
10900	5.7294	-6.0963	3.9356	118.2355	49.1989	3.93683
11000	5.7312	-6.1010	3.9420	118.4460	48.9610	3.94326
11100	5.7330	-6.1055	3.9475	118.6380	48.7110	3.94872
11200	5.7345	-6.1099	3.9521	118.8146	48.4520	3.95335
11300	5.7360	-6.1142	3.9561	118.9778	48.1854	3.95728
11400	5.7374	-6.1184	3.9595	119.1299	47.9143	3.96063
11500	5.7387	-6.1225	3.9623	119.2730	47.6400	3.96349
11600	5.7399	-6.1265	3.9648	119.4078	47.3633	3.96594
11700	5.7411	-6.1305	3.9669	119.5360	47.0863	3.96804
11800	5.7422	-6.1344	3.9687	119.6582	46.8094	3.96984
11900	5.7433	-6.1382	3.9703	119.7757	46.5327	3.97140
12000	5.7444	-6.1420	3.9717	119.8891	46.2579	3.97274
12100	5.7454	-6.1457	3.9729	119.9985	45.9846	3.97390
12200	5.7464	-6.1494	3.9739	120.1050	45.7133	3.97491
12300	5.7474	-6.1531	3.9748	120.2088	45.4451	3.97581
12400	5.7484	-6.1567	3.9756	120.3101	45.1801	3.97659
12500	5.7493	-6.1602	3.9763	120.4097	44.9175	3.97729
12600	5.7503	-6.1638	3.9769	120.5074	44.6584	3.97790
12700	5.7512	-6.1673	3.9775	120.6039	44.4027	3.97847
12800	5.7521	-6.1707	3.9781	120.6992	44.1507	3.97900
12900	5.7531	-6.1742	3.9786	120.7937	43.9026	3.97948
13000	5.7540	-6.1776	3.9790	120.8874	43.6584	3.97996
13100	5.7549	-6.1810	3.9795	120.9807	43.4177	3.98042
13200	5.7559	-6.1843	3.9800	121.0740	43.1821	3.98088
13300	5.7568	-6.1876	3.9805	121.1675	42.9505	3.98137
13400	5.7578	-6.1910	3.9810	121.2615	42.7238	3.98188
13500	5.7587	-6.1942	3.9815	121.3564	42.5015	3.98243
13600	5.7597	-6.1975	3.9822	121.4527	42.2850	3.98305
13700	5.7607	-6.2008	3.9829	121.5504	42.0741	3.98373
13800	5.7618	-6.2040	3.9837	121.6504	41.8687	3.98452
13900	5.7628	-6.2072	3.9846	121.7528	41.6692	3.98542
14000	5.7641	-6.2105	3.9857	121.8786	41.4973	3.98647
14100	5.7651	-6.2137	3.9869	121.9686	41.2925	3.98768
14200	5.7663	-6.2169	3.9883	122.0833	41.1161	3.98909
14300	5.7676	-6.2202	3.9900	122.2036	40.9490	3.99075
14400	5.7689	-6.2234	3.9919	122.3307	40.7908	3.99269

LOG P=-3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	5.7704	-6.2267	3.9942	122.4656	40.6438	3.99495
14600	5.7719	-6.2299	3.9969	122.6092	40.5091	3.99759
14700	5.7736	-6.2332	3.9999	122.7635	40.3868	4.00066
14800	5.7753	-6.2366	4.0035	122.9297	40.2795	4.00423
14900	5.7773	-6.2399	4.0077	123.1094	40.1886	4.00838
15000	5.7794	-6.2434	4.0125	123.3044	40.1150	4.01317

LOG P=-3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-3.3636	1.0000	28.8331	3.4806	1.00000
200	2.8434	-3.6646	1.0000	31.2519	3.4862	1.00000
300	3.0198	-3.8407	1.0000	32.6688	3.4891	1.00000
400	3.1455	-3.9657	1.0000	33.6790	3.4952	1.00000
500	3.2440	-4.0526	1.0000	34.4732	3.5074	1.00000
600	3.3256	-4.1417	1.0000	35.1329	3.5270	1.00000
700	3.3955	-4.2087	1.0000	35.7039	3.5516	1.00000
800	3.4572	-4.2657	1.0000	36.2093	3.5817	1.00000
900	3.5121	-4.3178	1.0000	36.6650	3.6129	1.00000
1000	3.5619	-4.3636	1.0000	37.0800	3.6467	1.00000
1100	3.6071	-4.4050	1.0000	37.4624	3.6791	1.00000
1200	3.6488	-4.4428	1.0000	37.8184	3.7122	1.00000
1300	3.6874	-4.4775	1.0000	38.1493	3.7452	1.00000
1400	3.7234	-4.5097	1.0000	38.4598	3.7779	1.00000
1500	3.7573	-4.5400	1.0001	38.7579	3.8125	1.00007
1600	3.7898	-4.5681	1.0003	39.0442	3.8518	1.00026
1700	3.8218	-4.5946	1.0008	39.3297	3.9026	1.00080
1800	3.8550	-4.6201	1.0022	39.6314	3.9788	1.00218
1900	3.8923	-4.6449	1.0053	39.9779	4.1071	1.00529
2000	3.9371	-4.6699	1.0117	40.4123	4.3260	1.01170
2100	3.9931	-4.6962	1.0236	40.9926	4.6869	1.02361
2200	4.0620	-4.7248	1.0436	41.7779	5.2428	1.04351
2300	4.1401	-4.7562	1.0731	42.7878	6.0031	1.07314
2400	4.2180	-4.7893	1.1099	43.9414	6.8826	1.10988
2500	4.2832	-4.8210	1.1462	45.0340	7.6779	1.14619
2600	4.3289	-4.8484	1.1737	45.8701	8.2016	1.17373
2700	4.3575	-4.8709	1.1903	46.4195	8.4359	1.19029
2800	4.3758	-4.8899	1.1991	46.7764	8.4851	1.19908
2900	4.3889	-4.9068	1.2037	47.0322	8.4438	1.20366
3000	4.3997	-4.9224	1.2062	47.2413	8.3675	1.20624
3100	4.4097	-4.9373	1.2080	47.4314	8.2850	1.20799
3200	4.4195	-4.9516	1.2096	47.6184	8.2098	1.20955
3300	4.4299	-4.9556	1.2113	47.8137	8.1535	1.21134
3400	4.4413	-4.9795	1.2138	48.0282	8.1256	1.21378
3500	4.4545	-4.9933	1.2173	48.2750	8.1363	1.21728
3600	4.4702	-5.0074	1.2224	48.5697	8.2012	1.22243
3700	4.4892	-5.0219	1.2299	48.9315	8.3362	1.22989
3800	4.5125	-5.0373	1.2406	49.3852	8.5654	1.24059
3900	4.5411	-5.0538	1.2556	49.9588	8.9123	1.25561
4000	4.5755	-5.0719	1.2763	50.6853	9.4069	1.27626
4100	4.6164	-5.0919	1.3041	51.6012	10.0827	1.30406
4200	4.6634	-5.1144	1.3405	52.7406	10.9689	1.34054
4300	4.7160	-5.1394	1.3872	54.1338	12.0917	1.38715
4400	4.7721	-5.1570	1.4444	55.7842	13.4485	1.44444
4500	4.8298	-5.1966	1.5120	57.6722	15.0174	1.51205

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.8858	-5.2273	1.5872	59.7166	16.7130	1.58721
4700	4.9372	-5.2574	1.6652	61.7930	18.4114	1.66523
4800	4.9815	-5.2856	1.7400	63.7490	19.9633	1.73998
4900	5.0174	-5.3107	1.8057	65.4507	21.2400	1.80571
5000	5.0450	-5.3321	1.8592	66.8304	22.1810	1.85916
5100	5.0652	-5.3501	1.8995	67.8797	22.7847	1.89948
5200	5.0799	-5.3651	1.9286	68.6545	23.1136	1.92857
5300	5.0905	-5.3779	1.9490	69.2219	23.2397	1.94897
5400	5.0984	-5.3892	1.9631	69.6425	23.2260	1.96307
5500	5.1044	-5.3993	1.9729	69.9650	23.1234	1.97287
5600	5.1093	-5.4087	1.9798	70.2237	22.9670	1.97980
5700	5.1135	-5.4175	1.9849	70.4434	22.7816	1.98493
5800	5.1172	-5.4259	1.9890	70.6402	22.5836	1.98896
5900	5.1208	-5.4341	1.9924	70.8258	22.3847	1.99239
6000	5.1243	-5.4421	1.9956	71.0081	22.1919	1.99558
6100	5.1280	-5.4499	1.9988	71.1933	22.0117	1.99880
6200	5.1319	-5.4578	2.0023	71.3866	21.8486	2.00227
6300	5.1359	-5.4656	2.0062	71.5925	21.7060	2.00618
6400	5.1404	-5.4734	2.0107	71.8149	21.5876	2.01070
6500	5.1453	-5.4813	2.0160	72.0581	21.4968	2.01601
6600	5.1507	-5.4892	2.0223	72.3262	21.4372	2.02229
6700	5.1567	-5.4974	2.0297	72.6234	21.4121	2.02972
6800	5.1634	-5.5057	2.0385	72.9543	21.4259	2.03850
6900	5.1709	-5.5142	2.0488	73.3239	21.4822	2.04887
7000	5.1793	-5.5230	2.0610	73.7374	21.5861	2.06105
7100	5.1886	-5.5322	2.0753	74.2005	21.7419	2.07530
7200	5.1989	-5.5417	2.0919	74.7193	21.9552	2.09192
7300	5.2103	-5.5517	2.1111	75.3000	22.2312	2.11119
7400	5.2229	-5.5521	2.1334	75.9492	22.5757	2.13345
7500	5.2367	-5.5732	2.1589	76.6740	22.9946	2.15904
7600	5.2518	-5.5848	2.1882	77.4814	23.4946	2.18833
7700	5.2682	-5.5970	2.2215	78.3782	24.0803	2.22167
7800	5.2858	-5.6099	2.2592	79.3713	24.7586	2.25944
7900	5.3047	-5.6235	2.3017	80.4666	25.5336	2.30196
8000	5.3249	-5.6379	2.3493	81.6694	26.4101	2.34960
8100	5.3461	-5.6530	2.4022	82.9833	27.3899	2.40255
8200	5.3683	-5.6687	2.4607	84.4100	28.4739	2.46107
8300	5.3913	-5.6851	2.5247	85.9485	29.6601	2.52515
8400	5.4148	-5.7021	2.5942	87.5947	30.9432	2.59475
8500	5.4388	-5.7196	2.6689	89.3387	32.3130	2.66953
8600	5.4628	-5.7374	2.7483	91.1678	33.7558	2.74897
8700	5.4867	-5.7554	2.8316	93.0639	35.2529	2.83234
8800	5.5101	-5.7734	2.9178	95.0045	36.7818	2.91863
8900	5.5328	-5.7912	3.0057	96.9621	38.3157	3.00650
9000	5.5544	-5.8086	3.0939	98.9089	39.8260	3.09491
9100	5.5748	-5.8255	3.1811	100.8154	41.2842	3.18215
9200	5.5938	-5.8416	3.2556	102.6508	42.6605	3.26678
9300	5.6113	-5.8569	3.3463	104.3915	43.9332	3.34755
9400	5.6271	-5.8713	3.4221	106.0180	45.0836	3.42340
9500	5.6414	-5.8847	3.4921	107.5150	46.0984	3.49348
9600	5.6541	-5.8971	3.5560	108.8766	46.9728	3.55735
9700	5.6653	-5.9085	3.6133	110.1002	47.7059	3.61475
9800	5.6752	-5.9191	3.6643	111.1893	48.3026	3.66573
9900	5.6838	-5.9288	3.7091	112.1517	48.7723	3.71058
10000	5.6913	-5.9377	3.7482	112.9971	49.1252	3.74967

LOG P=-3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10100	5.6978	-5.9459	3.7820	113.7361	49.3742	3.78348
10200	5.7035	-5.9535	3.8111	114.3815	49.5321	3.81258
10300	5.7084	-5.9606	3.8360	114.9437	49.6108	3.83747
10400	5.7127	-5.9672	3.8572	115.4351	49.6225	3.85873
10500	5.7165	-5.9734	3.8753	115.8647	49.5775	3.87681
10600	5.7198	-5.9792	3.8907	116.2422	49.4854	3.89217
10700	5.7227	-5.9847	3.9038	116.5753	49.3540	3.90521
10800	5.7253	-5.9900	3.9148	116.8709	49.1912	3.91626
10900	5.7276	-5.9950	3.9242	117.1344	49.0021	3.92565
11000	5.7298	-5.9999	3.9322	117.3714	48.7929	3.93361
11100	5.7317	-6.0046	3.9390	117.5860	48.5666	3.94038
11200	5.7334	-6.0091	3.9448	117.7817	48.3281	3.94614
11300	5.7350	-6.0135	3.9497	117.9612	48.0788	3.95103
11400	5.7365	-6.0178	3.9539	118.1272	47.8223	3.95522
11500	5.7379	-6.0220	3.9575	118.2821	47.5608	3.95879
11600	5.7393	-6.0261	3.9606	118.4270	47.2954	3.96185
11700	5.7405	-6.0301	3.9632	118.5638	47.0271	3.96447
11800	5.7417	-6.0340	3.9655	118.6933	46.7580	3.96673
11900	5.7429	-6.0379	3.9675	118.8170	46.4881	3.96867
12000	5.7440	-6.0417	3.9692	118.9359	46.2191	3.97035
12100	5.7451	-6.0455	3.9706	119.0497	45.9504	3.97179
12200	5.7461	-6.0492	3.9719	119.1600	45.6832	3.97306
12300	5.7471	-6.0529	3.9730	119.2670	45.4188	3.97417
12400	5.7481	-6.0565	3.9740	119.3712	45.1564	3.97513
12500	5.7491	-6.0601	3.9749	119.4729	44.8965	3.97598
12600	5.7501	-6.0636	3.9756	119.5726	44.6390	3.97673
12700	5.7510	-6.0671	3.9763	119.6705	44.3851	3.97741
12800	5.7520	-6.0706	3.9770	119.7669	44.1344	3.97803
12900	5.7529	-6.0741	3.9775	119.8621	43.8868	3.97859
13000	5.7539	-6.0775	3.9781	119.9563	43.6432	3.97912
13100	5.7548	-6.0809	3.9786	120.0497	43.4033	3.97962
13200	5.7557	-6.0842	3.9791	120.1427	43.1674	3.98011
13300	5.7567	-6.0876	3.9796	120.2357	42.9355	3.98060
13400	5.7576	-6.0909	3.9801	120.3286	42.7076	3.98110
13500	5.7586	-6.0941	3.9807	120.4220	42.4841	3.98162
13600	5.7595	-6.0974	3.9812	120.5162	42.2654	3.98217
13700	5.7605	-6.1007	3.9819	120.6113	42.0519	3.98279
13800	5.7615	-6.1039	3.9826	120.7080	41.8435	3.98347
13900	5.7625	-6.1071	3.9833	120.8065	41.6406	3.98424
14000	5.7638	-6.1103	3.9842	120.9276	41.4639	3.98512
14100	5.7647	-6.1135	3.9852	121.0117	41.2536	3.98613
14200	5.7658	-6.1167	3.9864	121.1195	41.0705	3.98729
14300	5.7670	-6.1199	3.9878	121.2315	40.8950	3.98864
14400	5.7683	-6.1231	3.9894	121.3490	40.7279	3.99022
14500	5.7696	-6.1263	3.9912	121.4724	40.5697	3.99205
14600	5.7710	-6.1295	3.9934	121.6027	40.4221	3.99419
14700	5.7725	-6.1328	3.9959	121.7416	40.2856	3.99657
14800	5.7741	-6.1360	3.9987	121.8901	40.1612	3.99956
14900	5.7758	-6.1393	4.0021	122.0493	40.0502	4.00290
15000	5.7777	-6.1427	4.0060	122.2210	39.9545	4.00678

LOG P=-3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-3.2636	1.0000	28.6025	3.4805	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8434	-3.5646	1.0000	31.0216	3.4862	1.00000
300	3.0198	-3.7407	1.0000	32.4386	3.4891	1.00000
400	3.1455	-3.8657	1.0000	33.4490	3.4952	1.00000
500	3.2440	-3.9626	1.0000	34.2429	3.5074	1.00000
600	3.3256	-4.0417	1.0000	34.9030	3.5270	1.00000
700	3.3955	-4.1087	1.0000	35.4740	3.5516	1.00000
800	3.4572	-4.1657	1.0000	35.9792	3.5817	1.00000
900	3.5121	-4.2178	1.0000	36.4350	3.6129	1.00000
1000	3.5619	-4.2636	1.0000	36.8495	3.6467	1.00000
1100	3.6071	-4.3050	1.0000	37.2320	3.6791	1.00000
1200	3.6488	-4.3428	1.0000	37.5881	3.7122	1.00000
1300	3.6874	-4.3775	1.0000	37.9192	3.7452	1.00000
1400	3.7234	-4.4097	1.0000	38.2294	3.7779	1.00000
1500	3.7573	-4.4400	1.0001	38.5273	3.8122	1.00006
1600	3.7897	-4.4581	1.0002	38.8128	3.8507	1.00023
1700	3.8215	-4.4946	1.0007	39.0961	3.8995	1.00071
1800	3.8542	-4.5200	1.0019	39.3927	3.9708	1.00194
1900	3.8903	-4.5447	1.0047	39.7280	4.0887	1.00472
2000	3.9333	-4.5694	1.0105	40.1414	4.2879	1.01045
2100	3.9864	-4.5952	1.0212	40.6858	4.6155	1.02116
2200	4.0519	-4.6230	1.0393	41.4182	5.1229	1.03930
2300	4.1273	-4.6536	1.0666	42.3673	5.8289	1.06658
2400	4.2046	-4.6861	1.1017	43.4783	6.6740	1.10165
2500	4.2721	-4.7180	1.1382	44.5774	7.4842	1.13819
2600	4.3215	-4.7462	1.1678	45.4627	8.0638	1.16775
2700	4.3533	-4.7695	1.1866	46.0651	8.3552	1.18660
2800	4.3736	-4.7891	1.1970	46.4568	8.4413	1.19497
2900	4.3877	-4.8063	1.2024	46.7310	8.4195	1.20243
3000	4.3989	-4.8221	1.2055	46.9486	8.3524	1.20547
3100	4.4090	-4.8371	1.2074	47.1417	8.2734	1.20743
3200	4.4189	-4.8514	1.2090	47.3281	8.1980	1.20904
3300	4.4291	-4.8654	1.2108	47.5197	8.1383	1.21078
3400	4.4402	-4.8792	1.2130	47.7272	8.1039	1.21305
3500	4.4528	-4.8929	1.2162	47.9625	8.1039	1.21623
3600	4.4676	-4.9068	1.2209	48.2398	8.1526	1.22086
3700	4.4854	-4.9211	1.2275	48.5767	8.2643	1.22755
3800	4.5072	-4.9351	1.2371	48.9952	8.4605	1.23712
3900	4.5337	-4.9520	1.2506	49.5206	8.7626	1.25057
4000	4.5657	-4.9694	1.2691	50.1831	9.1977	1.26906
4100	4.6039	-4.9886	1.2940	51.0165	9.7970	1.29401
4200	4.6481	-5.0099	1.3269	52.0536	10.5888	1.32686
4300	4.6980	-5.0338	1.3691	53.3260	11.6011	1.36909
4400	4.7520	-5.0501	1.4215	54.8448	12.8391	1.42150
4500	4.8084	-5.0886	1.4843	56.6052	14.2951	1.48429
4600	4.8643	-5.1195	1.5556	58.5488	15.9068	1.55557
4700	4.9170	-5.1486	1.6317	60.5771	17.5750	1.63171
4800	4.9637	-5.1774	1.7073	62.5536	19.1648	1.70733
4900	5.0028	-5.2036	1.7765	64.3380	20.5399	1.77652
5000	5.0337	-5.2265	1.8350	65.8371	21.6131	1.83502
5100	5.0569	-5.2458	1.8807	67.0107	22.3509	1.89070
5200	5.0739	-5.2619	1.9146	67.8948	22.7966	1.91461
5300	5.0863	-5.2757	1.9389	68.5484	23.0140	1.93887
5400	5.0954	-5.2876	1.9558	69.0316	23.0666	1.95585
5500	5.1023	-5.2982	1.9677	69.3978	23.0100	1.96759
5600	5.1077	-5.3078	1.9760	69.6853	22.8841	1.97603

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	5.1123	-5.3169	1.9821	69.9233	22.7184	1.98209
5800	5.1162	-5.3254	1.9867	70.1308	22.5320	1.98670
5900	5.1199	-5.3337	1.9905	70.3216	22.3390	1.99047
6000	5.1235	-5.3417	1.9938	70.5047	22.1477	1.99381
6100	5.1271	-5.3496	1.9970	70.6873	21.9656	1.99703
6200	5.1308	-5.3574	2.0004	70.8750	21.7977	2.00037
6300	5.1347	-5.3651	2.0040	71.0724	21.6475	2.00403
6400	5.1390	-5.3728	2.0082	71.2834	21.5188	2.00819
6500	5.1436	-5.3806	2.0130	71.5122	21.4148	2.01301
6600	5.1487	-5.3885	2.0187	71.7627	21.3389	2.01868
6700	5.1543	-5.3964	2.0253	72.0386	21.2942	2.02535
6800	5.1606	-5.4045	2.0332	72.3443	21.2845	2.03322
6900	5.1675	-5.4129	2.0425	72.6842	21.3136	2.04249
7000	5.1752	-5.4214	2.0533	73.0632	21.3855	2.05337
7100	5.1838	-5.4303	2.0661	73.4861	21.5044	2.06610
7200	5.1933	-5.4394	2.0809	73.9587	21.6750	2.08093
7300	5.2038	-5.4490	2.0981	74.4865	21.9022	2.09813
7400	5.2154	-5.4590	2.1179	75.0755	22.1916	2.11801
7500	5.2282	-5.4695	2.1408	75.7321	22.5478	2.14087
7600	5.2421	-5.4805	2.1669	76.4630	22.9776	2.16705
7700	5.2573	-5.4921	2.1967	77.2742	23.4852	2.19687
7800	5.2737	-5.5044	2.2305	78.1727	24.0771	2.23071
7900	5.2913	-5.5173	2.2687	79.1643	24.7575	2.26887
8000	5.3102	-5.5308	2.3115	80.2545	25.5316	2.31172
8100	5.3301	-5.5451	2.3592	81.4476	26.4023	2.35949
8200	5.3511	-5.5601	2.4121	82.7469	27.3719	2.41245
8300	5.3730	-5.5757	2.4703	84.1534	28.4400	2.47073
8400	5.3956	-5.5919	2.5339	85.6655	29.6046	2.53438
8500	5.4188	-5.6087	2.6027	87.2781	30.8596	2.60326
8600	5.4423	-5.6259	2.6764	88.9828	32.1956	2.67707
8700	5.4658	-5.6434	2.7546	90.7667	33.5988	2.75530
8800	5.4892	-5.6611	2.8364	92.6124	35.0519	2.83723
8900	5.5121	-5.6788	2.9209	94.4977	36.5326	2.92185
9000	5.5342	-5.6962	3.0070	96.3983	38.0168	3.00803
9100	5.5554	-5.7133	3.0934	98.2877	39.4777	3.09452
9200	5.5754	-5.7299	3.1787	100.1365	40.8875	3.17987
9300	5.5940	-5.7458	3.2615	101.9195	42.2216	3.26280
9400	5.6112	-5.7608	3.3408	103.6137	43.4576	3.34211
9500	5.6268	-5.7750	3.4153	105.1992	44.5777	3.41671
9600	5.6410	-5.7882	3.4844	106.6644	45.5704	3.48590
9700	5.6536	-5.8006	3.5476	108.0009	46.4304	3.54914
9800	5.6648	-5.8119	3.6046	109.2056	47.1553	3.60615
9900	5.6746	-5.8224	3.6554	110.2826	47.7510	3.65703
10000	5.6833	-5.8321	3.7004	111.2381	48.2237	3.70198
10100	5.6908	-5.8410	3.7397	112.0800	48.5843	3.74131
10200	5.6974	-5.8493	3.7739	112.8201	48.8443	3.77552
10300	5.7032	-5.8569	3.8034	113.4674	49.0142	3.80506
10400	5.7082	-5.8640	3.8289	114.0348	49.1075	3.83050
10500	5.7126	-5.8706	3.8507	114.5314	49.1341	3.85229
10600	5.7164	-5.8768	3.8693	114.9672	49.1040	3.87092
10700	5.7198	-5.8827	3.8852	115.3509	49.0269	3.88682
10800	5.7228	-5.8882	3.8988	115.6901	48.9104	3.90036
10900	5.7255	-5.8935	3.9103	115.9912	48.7617	3.91190
11000	5.7279	-5.8986	3.9202	116.2604	48.5863	3.92171
11100	5.7301	-5.9034	3.9286	116.5023	48.3891	3.93008

LOG P=-3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.7320	-5.9081	3.9357	116.7215	48.1755	3.93722
11300	5.7338	-5.9126	3.9418	116.9210	47.9475	3.94330
11400	5.7355	-5.9170	3.9470	117.1040	47.7094	3.94850
11500	5.7371	-5.9213	3.9515	117.2734	47.4630	3.95295
11600	5.7385	-5.9255	3.9553	117.4307	47.2101	3.95676
11700	5.7399	-5.9296	3.9586	117.5781	46.9538	3.96003
11800	5.7411	-5.9336	3.9615	117.7166	46.6936	3.96284
11900	5.7424	-5.9375	3.9639	117.8481	46.4319	3.96527
12000	5.7435	-5.9414	3.9660	117.9735	46.1698	3.96736
12100	5.7447	-5.9452	3.9679	118.0931	45.9075	3.96917
12200	5.7458	-5.9489	3.9694	118.2083	45.6460	3.97074
12300	5.7468	-5.9526	3.9708	118.3194	45.3853	3.97212
12400	5.7479	-5.9563	3.9721	118.4270	45.1267	3.97331
12500	5.7489	-5.9599	3.9731	118.5317	44.8699	3.97436
12600	5.7499	-5.9635	3.9741	118.6338	44.6154	3.97529
12700	5.7508	-5.9670	3.9749	118.7338	44.3640	3.97611
12800	5.7518	-5.9705	3.9757	118.8319	44.1152	3.97685
12900	5.7527	-5.9739	3.9763	118.9283	43.8688	3.97752
13000	5.7537	-5.9773	3.9770	119.0235	43.6261	3.97813
13100	5.7546	-5.9807	3.9776	119.1175	43.3872	3.97870
13200	5.7556	-5.9841	3.9781	119.2108	43.1512	3.97923
13300	5.7565	-5.9874	3.9787	119.3037	42.9194	3.97976
13400	5.7574	-5.9907	3.9792	119.3961	42.6913	3.98027
13500	5.7584	-5.9940	3.9797	119.4886	42.4672	3.98079
13600	5.7593	-5.9973	3.9803	119.5815	42.2473	3.98131
13700	5.7603	-6.0006	3.9809	119.6749	42.0321	3.98189
13800	5.7613	-6.0038	3.9815	119.7693	41.8217	3.98251
13900	5.7623	-6.0070	3.9822	119.8647	41.6157	3.98318
14000	5.7635	-6.0102	3.9829	119.9819	41.4352	3.98393
14100	5.7643	-6.0134	3.9838	120.0617	41.2209	3.98479
14200	5.7654	-6.0166	3.9848	120.1640	41.0328	3.98577
14300	5.7665	-6.0197	3.9859	120.2696	40.8511	3.98688
14400	5.7677	-6.0229	3.9872	120.3795	40.6771	3.98819
14500	5.7689	-6.0261	3.9887	120.4938	40.5100	3.98967
14600	5.7702	-6.0292	3.9905	120.6136	40.3523	3.99141
14700	5.7716	-6.0324	3.9925	120.7401	40.2038	3.99342
14800	5.7730	-6.0356	3.9949	120.8743	40.0658	3.99577
14900	5.7746	-6.0388	3.9976	121.0170	39.9391	3.99847
15000	5.7762	-6.0421	4.0007	121.1696	39.8250	4.00160

LOG P=-3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-3.1636	1.0000	28.3722	3.4806	1.00000
200	2.8434	-3.4646	1.0000	30.7916	3.4862	1.00000
300	3.0198	-3.6407	1.0000	32.2086	3.4891	1.00000
400	3.1455	-3.7657	1.0000	33.2188	3.4952	1.00000
500	3.2440	-3.8626	1.0000	34.0129	3.5074	1.00000
600	3.3256	-3.9417	1.0000	34.6727	3.5270	1.00000
700	3.3955	-4.0087	1.0000	35.2440	3.5516	1.00000
800	3.4572	-4.0667	1.0000	35.7487	3.5817	1.00000
900	3.5121	-4.1178	1.0000	36.2046	3.6129	1.00000
1000	3.5619	-4.1636	1.0000	36.6192	3.6467	1.00000
1100	3.6071	-4.2050	1.0000	37.0015	3.6791	1.00000
1200	3.6488	-4.2428	1.0000	37.3576	3.7122	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1300	3.6874	-4.2775	1.0000	37.6887	3.7452	1.00000
1400	3.7234	-4.3097	1.0000	37.9993	3.7779	1.00000
1500	3.7572	-4.3400	1.0001	38.2968	3.8119	1.00005
1600	3.7896	-4.3581	1.0002	38.5815	3.8497	1.00021
1700	3.8211	-4.3946	1.0006	38.8629	3.8967	1.00063
1800	3.8534	-4.4199	1.0017	39.1548	3.9637	1.00173
1900	3.8886	-4.4444	1.0042	39.4803	4.0723	1.00422
2000	3.9298	-4.4689	1.0093	39.8747	4.2538	1.00934
2100	3.9803	-4.4942	1.0189	40.3866	4.5512	1.01895
2200	4.0426	-4.5214	1.0354	41.0702	5.0138	1.03537
2300	4.1150	-4.5511	1.0605	41.9599	5.6664	1.06045
2400	4.1912	-4.5829	1.0937	43.0228	6.4714	1.09366
2500	4.2603	-4.6148	1.1299	44.1164	7.2844	1.12994
2600	4.3133	-4.6437	1.1612	45.0428	7.9120	1.15118
2700	4.3484	-4.6680	1.1823	45.6987	8.2616	1.18233
2800	4.3709	-4.6882	1.1945	46.1295	8.3895	1.19448
2900	4.3862	-4.7058	1.2010	46.4255	8.3908	1.20098
3000	4.3980	-4.7218	1.2046	46.5537	8.3350	1.20456
3100	4.4084	-4.7369	1.2068	46.8511	8.2607	1.20679
3200	4.4182	-4.7513	1.2085	47.0378	8.1860	1.20850
3300	4.4283	-4.7652	1.2102	47.2266	8.1240	1.21022
3400	4.4391	-4.7790	1.2123	47.4280	8.0839	1.21234
3500	4.4512	-4.7926	1.2153	47.6533	8.0746	1.21526
3600	4.4653	-4.8063	1.2194	47.9153	8.1090	1.21943
3700	4.4820	-4.8204	1.2254	48.2298	8.1998	1.22544
3800	4.5023	-4.8350	1.2340	48.6169	8.3668	1.23402
3900	4.5270	-4.8505	1.2460	49.0993	8.6287	1.24604
4000	4.5568	-4.8672	1.2626	49.7043	9.0103	1.26259
4100	4.5924	-4.8855	1.2850	50.4631	9.5406	1.28496
4200	4.6338	-4.9059	1.3145	51.4068	10.2461	1.31451
4300	4.6810	-4.9285	1.3527	52.5672	11.1556	1.35268
4400	4.7326	-4.9536	1.4004	53.9602	12.2794	1.40043
4500	4.7874	-4.9809	1.4583	55.5916	13.6205	1.45834
4600	4.8428	-5.0100	1.5253	57.4233	15.1362	1.52530
4700	4.8961	-5.0397	1.5987	59.3810	16.7509	1.59868
4800	4.9448	-5.0638	1.6739	61.3475	18.3476	1.67393
4900	4.9867	-5.0959	1.7454	63.1862	19.7932	1.74540
5000	5.0209	-5.1201	1.8083	64.7885	20.9839	1.80827
5100	5.0471	-5.1408	1.8592	66.0838	21.8546	1.85921
5200	5.0667	-5.1582	1.8982	67.0838	22.4245	1.89822
5300	5.0811	-5.1730	1.9268	67.8334	22.7440	1.92679
5400	5.0917	-5.1856	1.9471	68.3895	22.8738	1.94710
5500	5.0997	-5.1958	1.9614	68.8078	22.8724	1.96139
5600	5.1058	-5.2068	1.9714	69.1311	22.7842	1.97144
5700	5.1108	-5.2161	1.9787	69.3927	22.6437	1.97868
5800	5.1151	-5.2248	1.9841	69.6148	22.4732	1.98406
5900	5.1189	-5.2332	1.9883	69.8138	22.2892	1.98832
6000	5.1226	-5.2413	1.9919	70.0002	22.1021	1.99191
6100	5.1262	-5.2492	1.9952	70.1821	21.9201	1.99521
6200	5.1298	-5.2570	1.9985	70.3661	21.7491	1.99850
6300	5.1337	-5.2647	2.0020	70.5567	21.5932	2.00199
6400	5.1377	-5.2723	2.0058	70.7582	21.4557	2.00585
6500	5.1421	-5.2800	2.0103	70.9747	21.3404	2.01027
6600	5.1469	-5.2878	2.0154	71.2096	21.2502	2.01541
6700	5.1522	-5.2956	2.0214	71.4668	21.1884	2.02141

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6800	5.1580	-5.3035	2.0285	71.7502	21.1581	2.02848
6900	5.1644	-5.3116	2.0358	72.0638	21.1628	2.03677
7000	5.1716	-5.3200	2.0465	72.4120	21.2062	2.04650
7100	5.1795	-5.3285	2.0578	72.7991	21.2920	2.05787
7200	5.1882	-5.3374	2.0711	73.2305	21.4247	2.07111
7300	5.1979	-5.3456	2.0864	73.7111	21.6085	2.08648
7400	5.2086	-5.3562	2.1042	74.2464	21.8482	2.10422
7500	5.2204	-5.3662	2.1245	74.8420	22.1488	2.12464
7600	5.2333	-5.3757	2.1479	75.5042	22.5152	2.14803
7700	5.2473	-5.3877	2.1746	76.2384	22.9525	2.17470
7800	5.2625	-5.3993	2.2048	77.0516	23.4663	2.20498
7900	5.2789	-5.4115	2.2390	77.9488	24.0606	2.23918
8000	5.2965	-5.4244	2.2774	78.9362	24.7414	2.27765
8100	5.3152	-5.4379	2.3203	80.0181	25.5116	2.32064
8200	5.3350	-5.4521	2.3681	81.1989	26.3743	2.36845
8300	5.3557	-5.4669	2.4208	82.4807	27.3304	2.42125
8400	5.3773	-5.4824	2.4787	83.8645	28.3806	2.47920
8500	5.3996	-5.4984	2.5417	85.3476	29.5212	2.54226
8600	5.4223	-5.5149	2.6097	86.9250	30.7461	2.61030
8700	5.4453	-5.5319	2.6823	88.5884	32.0464	2.68302
8800	5.4684	-5.5491	2.7591	90.3255	33.4096	2.75993
8900	5.4912	-5.5665	2.8394	92.1190	34.8176	2.84027
9000	5.5136	-5.5838	2.9222	93.9493	36.2512	2.92317
9100	5.5352	-5.6010	3.0065	95.7939	37.6875	3.00758
9200	5.5560	-5.6177	3.0910	97.6266	39.1003	3.09222
9300	5.5756	-5.6340	3.1745	99.4217	40.4652	3.17582
9400	5.5939	-5.6496	3.2558	101.1553	41.7589	3.25716
9500	5.6108	-5.6645	3.3335	102.8042	42.9596	3.33501
9600	5.6262	-5.6785	3.4069	104.3524	44.0522	3.40848
9700	5.6402	-5.6916	3.4752	105.7865	45.0249	3.47679
9800	5.6528	-5.7038	3.5378	107.0991	45.8717	3.53945
9900	5.6639	-5.7151	3.5945	108.2881	46.5912	3.59623
10000	5.6738	-5.7256	3.6454	109.3554	47.1872	3.64713
10100	5.6825	-5.7353	3.6905	110.3055	47.6653	3.69225
10200	5.6902	-5.7442	3.7302	111.1472	48.0356	3.73197
10300	5.6968	-5.7524	3.7649	111.8885	48.3064	3.76653
10400	5.7027	-5.7601	3.7950	112.5411	48.4915	3.79675
10500	5.7078	-5.7672	3.8210	113.1136	48.5994	3.82277
10600	5.7123	-5.7739	3.8434	113.6169	48.6415	3.84517
10700	5.7163	-5.7801	3.8626	114.0597	48.6279	3.86440
10800	5.7198	-5.7860	3.8791	114.4505	48.5663	3.88088
10900	5.7228	-5.7916	3.8932	114.7961	48.4643	3.89496
11000	5.7256	-5.7969	3.9053	115.1037	48.3301	3.90701
11100	5.7281	-5.8020	3.9155	115.3788	48.1684	3.91731
11200	5.7303	-5.8069	3.9244	115.6265	47.9851	3.92613
11300	5.7324	-5.8115	3.9320	115.8504	47.7831	3.93367
11400	5.7342	-5.8161	3.9385	116.0547	47.5678	3.94012
11500	5.7359	-5.8205	3.9440	116.2419	47.3403	3.94565
11600	5.7375	-5.8248	3.9488	116.4146	47.1038	3.95039
11700	5.7390	-5.8290	3.9529	116.5751	46.8610	3.95447
11800	5.7404	-5.8330	3.9564	116.7251	46.6142	3.95798
11900	5.7417	-5.8370	3.9595	116.8661	46.3625	3.96101
12000	5.7430	-5.8410	3.9621	116.9998	46.1095	3.96363
12100	5.7442	-5.8448	3.9644	117.1267	45.8546	3.96589
12200	5.7453	-5.8486	3.9664	117.2479	45.5994	3.96785

LOG P=-3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12300	5.7464	-5.8523	3.9681	117.3643	45.3445	3.96957
12400	5.7475	-5.8560	3.9696	117.4764	45.0907	3.97105
12500	5.7486	-5.8597	3.9710	117.5849	44.8374	3.97235
12600	5.7496	-5.8633	3.9721	117.6903	44.5870	3.97350
12700	5.7506	-5.8668	3.9732	117.7930	44.3379	3.97451
12800	5.7516	-5.8703	3.9741	117.8933	44.0918	3.97541
12900	5.7525	-5.8738	3.9749	117.9917	43.8477	3.97622
13000	5.7535	-5.8772	3.9757	118.0883	43.6068	3.97694
13100	5.7545	-5.8806	3.9763	118.1835	43.3689	3.97761
13200	5.7554	-5.8840	3.9770	118.2776	43.1344	3.97822
13300	5.7563	-5.8873	3.9776	118.3708	42.9028	3.97880
13400	5.7573	-5.8906	3.9781	118.4633	42.6748	3.97936
13500	5.7582	-5.8939	3.9787	118.5554	42.4503	3.97990
13600	5.7592	-5.8972	3.9793	118.6476	42.2299	3.98043
13700	5.7601	-5.9004	3.9798	118.7398	42.0135	3.98099
13800	5.7611	-5.9037	3.9804	118.8324	41.8014	3.98156
13900	5.7620	-5.9069	3.9810	118.9258	41.5938	3.98218
14000	5.7632	-5.9101	3.9817	119.0403	41.4109	3.98285
14100	5.7640	-5.9132	3.9825	119.1166	41.1932	3.98360
14200	5.7651	-5.9164	3.9833	119.2148	41.0010	3.98444
14300	5.7661	-5.9195	3.9843	119.3152	40.8143	3.98537
14400	5.7673	-5.9227	3.9854	119.4190	40.6340	3.98645
14500	5.7684	-5.9258	3.9866	119.5263	40.4607	3.98769
14600	5.7696	-5.9290	3.9881	119.6377	40.2951	3.98911
14700	5.7709	-5.9321	3.9897	119.7544	40.1372	3.99075
14800	5.7722	-5.9353	3.9916	119.8771	39.9881	3.99265
14900	5.7736	-5.9384	3.9938	120.0065	39.8486	3.99484
15000	5.7751	-5.9416	3.9964	120.1439	39.7200	3.99738

LOG P=-3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-3.0636	1.0000	28.1422	3.4806	1.00000
200	2.8434	-3.3646	1.0000	30.5614	3.4862	1.00000
300	3.0198	-3.5407	1.0000	31.9783	3.4891	1.00000
400	3.1455	-3.6657	1.0000	32.9883	3.4952	1.00000
500	3.2440	-3.7626	1.0000	33.7827	3.5074	1.00000
600	3.3256	-3.8417	1.0000	34.4422	3.5270	1.00000
700	3.3955	-3.9087	1.0000	35.0135	3.5516	1.00000
800	3.4572	-3.9667	1.0000	35.5183	3.5817	1.00000
900	3.5121	-4.0178	1.0000	35.9741	3.6129	1.00000
1000	3.5619	-4.0636	1.0000	36.3893	3.6467	1.00000
1100	3.6071	-4.1050	1.0000	36.7715	3.6791	1.00000
1200	3.6488	-4.1428	1.0000	37.1274	3.7122	1.00000
1300	3.6874	-4.1775	1.0000	37.4583	3.7452	1.00000
1400	3.7234	-4.2097	1.0000	37.7694	3.7779	1.00000
1500	3.7572	-4.2400	1.0001	38.0663	3.8116	1.00005
1600	3.7895	-4.2581	1.0002	38.3503	3.8489	1.00019
1700	3.8209	-4.2945	1.0006	38.6300	3.8942	1.00057
1800	3.8527	-4.3198	1.0015	38.9178	3.9573	1.00154
1900	3.8870	-4.3442	1.0038	39.2345	4.0576	1.00376
2000	3.9267	-4.3685	1.0083	39.5119	4.2232	1.00834
2100	3.9748	-4.3934	1.0170	40.0943	4.4933	1.01696
2200	4.0339	-4.4199	1.0318	40.7330	4.9145	1.03180
2300	4.1033	-4.4487	1.0548	41.5657	5.5158	1.05477

LOG P=-3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2400	4.1779	-4.4799	1.0860	42.5772	6.2766	1.08599
2500	4.2481	-4.5116	1.1216	43.6542	7.0813	1.12156
2600	4.3041	-4.5411	1.1541	44.6115	7.7473	1.15406
2700	4.3428	-4.5662	1.1775	45.3198	8.1543	1.17747
2800	4.3677	-4.5871	1.1915	45.7934	8.3281	1.19153
2900	4.3844	-4.6052	1.1992	46.1149	8.3565	1.19924
3000	4.3970	-4.6214	1.2035	46.3561	8.3146	1.20350
3100	4.4076	-4.6366	1.2061	46.5592	8.2467	1.20606
3200	4.4176	-4.6510	1.2079	46.7472	8.1737	1.20792
3300	4.4275	-4.6650	1.2097	46.9341	8.1101	1.20965
3400	4.4381	-4.6787	1.2117	47.1305	8.0655	1.21166
3500	4.4498	-4.6923	1.2143	47.3469	8.0480	1.21435
3600	4.4632	-4.7059	1.2181	47.5954	8.0697	1.21813
3700	4.4789	-4.7197	1.2235	47.8901	8.1421	1.22353
3800	4.4980	-4.7340	1.2312	48.2491	8.2827	1.23122
3900	4.5209	-4.7490	1.2420	48.6930	8.5088	1.24198
4000	4.5486	-4.7652	1.2568	49.2464	8.8425	1.25680
4100	4.5817	-4.7828	1.2768	49.9380	9.3103	1.27684
4200	4.6205	-4.8022	1.3034	50.7968	9.9373	1.30339
4300	4.6650	-4.8237	1.3378	51.8540	10.7520	1.33782
4400	4.7142	-4.8476	1.3812	53.1285	11.7680	1.38118
4500	4.7670	-4.8737	1.4343	54.6340	12.9958	1.43431
4600	4.8214	-4.9018	1.4967	56.3475	14.4081	1.49671
4700	4.8749	-4.9309	1.5666	58.2161	15.9503	1.55660
4800	4.9249	-4.9600	1.6404	60.1450	17.5269	1.64037
4900	4.9693	-4.9878	1.7129	62.0093	19.0146	1.71292
5000	5.0065	-5.0131	1.7793	63.6932	20.3014	1.77926
5100	5.0359	-5.0351	1.8351	65.1007	21.2969	1.83505
5200	5.0583	-5.0538	1.8792	66.2180	21.9938	1.87923
5300	5.0750	-5.0697	1.9125	67.0719	22.4247	1.91248
5400	5.0873	-5.0833	1.9366	67.7112	22.6427	1.93658
5500	5.0965	-5.0951	1.9538	68.1913	22.7069	1.95376
5600	5.1035	-5.1056	1.9659	68.5580	22.6646	1.96589
5700	5.1091	-5.1152	1.9746	68.8491	22.5554	1.97458
5800	5.1138	-5.1242	1.9809	69.0904	22.4053	1.98095
5900	5.1179	-5.1327	1.9858	69.3008	22.2338	1.98584
6000	5.1216	-5.1408	1.9898	69.4931	22.0533	1.98982
6100	5.1253	-5.1488	1.9933	69.6766	21.8740	1.99330
6200	5.1289	-5.1565	1.9966	69.8586	21.7016	1.99662
6300	5.1326	-5.1642	2.0000	70.0443	21.5414	2.00001
6400	5.1365	-5.1719	2.0036	70.2381	21.3972	2.00365
6500	5.1407	-5.1795	2.0077	70.4440	21.2721	2.00773
6600	5.1453	-5.1871	2.0124	70.6656	21.1699	2.01242
6700	5.1502	-5.1948	2.0178	70.9064	21.0929	2.01785
6800	5.1557	-5.2026	2.0242	71.1701	21.0446	2.02421
6900	5.1616	-5.2105	2.0316	71.4604	21.0278	2.03165
7000	5.1683	-5.2187	2.0403	71.7813	21.0460	2.04036
7100	5.1756	-5.2270	2.0505	72.1367	21.1025	2.05053
7200	5.1837	-5.2355	2.0623	72.5314	21.2014	2.06235
7300	5.1927	-5.2444	2.0760	72.9698	21.3466	2.07607
7400	5.2025	-5.2536	2.0918	73.4570	21.5420	2.09191
7500	5.2134	-5.2632	2.1101	73.9980	21.7924	2.11014
7600	5.2253	-5.2732	2.1309	74.5986	22.1022	2.13103
7700	5.2382	-5.2837	2.1547	75.2639	22.4764	2.15486
7800	5.2523	-5.2948	2.1818	76.0000	22.9197	2.18194

LOG P=-3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7900	5.2675	-5.3063	2.2124	76.9120	23.4367	2.21257
8000	5.2839	-5.3185	2.2468	77.7058	24.0320	2.24705
8100	5.3014	-5.3313	2.2854	78.6860	24.7096	2.28567
8200	5.3199	-5.3447	2.3284	79.7572	25.4731	2.32871
8300	5.3394	-5.3588	2.3760	80.9227	26.3246	2.37640
8400	5.3599	-5.3735	2.4285	82.1846	27.2656	2.42893
8500	5.3811	-5.3887	2.4858	83.5423	28.2946	2.48635
8600	5.4030	-5.4046	2.5481	84.9938	29.4086	2.54869
8700	5.4253	-5.4209	2.6151	86.5344	30.6028	2.61578
8800	5.4478	-5.4375	2.6866	88.1560	31.8670	2.68735
8900	5.4704	-5.4545	2.7619	89.8455	33.1888	2.76285
9000	5.4927	-5.4715	2.8406	91.5882	34.5527	2.84162
9100	5.5146	-5.4885	2.9217	93.3654	35.9401	2.92285
9200	5.5358	-5.5054	3.0042	95.1541	37.3284	3.00542
9300	5.5561	-5.5219	3.0869	96.9317	38.6952	3.08825
9400	5.5754	-5.5379	3.1687	98.6752	40.0179	3.17015
9500	5.5934	-5.5532	3.2484	100.3601	41.2729	3.24989
9600	5.6101	-5.5679	3.3249	101.9680	42.4427	3.32646
9700	5.6254	-5.5817	3.3972	103.4810	43.5106	3.39888
9800	5.6393	-5.5947	3.4647	104.8872	44.4657	3.46645
9900	5.6517	-5.6069	3.5269	106.1790	45.3014	3.52866
10000	5.6629	-5.6182	3.5834	107.3538	46.0177	3.58528
10100	5.6728	-5.6286	3.6343	108.4114	46.6145	3.63617
10200	5.6816	-5.6383	3.6796	109.3580	47.0992	3.68157
10300	5.6893	-5.6472	3.7197	110.1987	47.4785	3.72166
10400	5.6961	-5.6555	3.7549	110.9439	47.7635	3.75688
10500	5.7021	-5.6632	3.7856	111.6011	47.9631	3.78759
10600	5.7073	-5.6704	3.8123	112.1806	48.0873	3.81426
10700	5.7119	-5.6771	3.8354	112.6914	48.1458	3.83733
10800	5.7160	-5.6833	3.8553	113.1421	48.1487	3.85723
10900	5.7196	-5.6893	3.8724	113.5404	48.1035	3.87433
11000	5.7228	-5.6949	3.8871	113.8939	48.0180	3.88903
11100	5.7256	-5.7002	3.8998	114.2088	47.8988	3.90166
11200	5.7282	-5.7053	3.9106	114.4908	47.7517	3.91249
11300	5.7305	-5.7102	3.9199	114.7444	47.5816	3.92178
11400	5.7326	-5.7149	3.9279	114.9739	47.3929	3.92976
11500	5.7345	-5.7195	3.9348	115.1832	47.1890	3.93661
11600	5.7363	-5.7239	3.9407	115.3748	46.9729	3.94250
11700	5.7379	-5.7282	3.9458	115.5515	46.7470	3.94756
11800	5.7395	-5.7324	3.9502	115.7153	46.5144	3.95193
11900	5.7409	-5.7364	3.9540	115.8683	46.2758	3.95570
12000	5.7423	-5.7404	3.9573	116.0123	46.0332	3.95896
12100	5.7435	-5.7444	3.9601	116.1480	45.7882	3.96179
12200	5.7448	-5.7482	3.9626	116.2769	45.5409	3.96423
12300	5.7459	-5.7520	3.9648	116.3998	45.2933	3.96637
12400	5.7471	-5.7557	3.9666	116.5175	45.0452	3.96822
12500	5.7482	-5.7594	3.9683	116.6309	44.7978	3.96984
12600	5.7492	-5.7630	3.9697	116.7404	44.5513	3.97127
12700	5.7503	-5.7666	3.9710	116.8467	44.3063	3.97252
12800	5.7513	-5.7701	3.9721	116.9501	44.0631	3.97363
12900	5.7523	-5.7736	3.9732	117.0509	43.8219	3.97462
13000	5.7533	-5.7770	3.9740	117.1496	43.5832	3.97549
13100	5.7542	-5.7804	3.9749	117.2465	43.3472	3.97628
13200	5.7552	-5.7838	3.9756	117.3419	43.1137	3.97701
13300	5.7561	-5.7872	3.9763	117.4360	42.8835	3.97757

LOG P=-3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13400	5.7571	-5.7905	3.9769	117.5291	42.6562	3.97830
13500	5.7580	-5.7938	3.9775	117.6215	42.4323	3.97889
13600	5.7590	-5.7971	3.9781	117.7135	42.2118	3.97946
13700	5.7599	-5.8003	3.9787	117.8053	41.9952	3.98003
13800	5.7609	-5.8035	3.9793	117.8970	41.7823	3.98060
13900	5.7618	-5.8067	3.9799	117.9889	41.5734	3.98120
14000	5.7630	-5.8099	3.9805	118.1014	41.3887	3.98182
14100	5.7638	-5.8131	3.9813	118.1752	41.1684	3.98250
14200	5.7649	-5.8162	3.9820	118.2702	40.9735	3.98324
14300	5.7659	-5.8194	3.9828	118.3669	40.7830	3.98405
14400	5.7669	-5.8225	3.9838	118.4660	40.5985	3.98496
14500	5.7680	-5.8256	3.9848	118.5677	40.4202	3.98600
14600	5.7691	-5.8288	3.9860	118.6726	40.2478	3.98718
14700	5.7703	-5.8319	3.9874	118.7816	40.0827	3.98854
14800	5.7715	-5.8350	3.9890	118.8952	39.9248	3.99009
14900	5.7728	-5.8381	3.9908	119.0139	39.7752	3.99197
15000	5.7742	-5.8412	3.9928	119.1391	39.6351	3.99394

LOG P=-3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-2.9636	1.0000	27.9121	3.4806	1.00000
200	2.8434	-3.2646	1.0000	30.3309	3.4862	1.00000
300	3.0198	-3.4407	1.0000	31.7478	3.4891	1.00000
400	3.1455	-3.5657	1.0000	32.7580	3.4952	1.00000
500	3.2440	-3.6626	1.0000	33.5522	3.5074	1.00000
600	3.3256	-3.7417	1.0000	34.2119	3.5270	1.00000
700	3.3955	-3.8087	1.0000	34.7830	3.5516	1.00000
800	3.4572	-3.8667	1.0000	35.2884	3.5817	1.00000
900	3.5121	-3.9178	1.0000	35.7440	3.6129	1.00000
1000	3.5619	-3.9636	1.0000	36.1591	3.6467	1.00000
1100	3.6071	-4.0050	1.0000	36.5415	3.6791	1.00000
1200	3.6488	-4.0428	1.0000	36.8974	3.7122	1.00000
1300	3.6874	-4.0775	1.0000	37.2283	3.7452	1.00000
1400	3.7234	-4.1097	1.0000	37.5389	3.7779	1.00000
1500	3.7572	-4.1400	1.0000	37.8357	3.8114	1.00004
1600	3.7894	-4.1680	1.0002	38.1192	3.8481	1.00016
1700	3.8206	-4.1945	1.0005	38.3974	3.8919	1.00051
1800	3.8520	-4.2197	1.0014	38.6815	3.9516	1.00137
1900	3.8856	-4.2441	1.0034	38.9904	4.0445	1.00335
2000	3.9239	-4.2581	1.0074	39.3525	4.1959	1.00744
2100	3.9697	-4.2926	1.0152	39.8083	4.4412	1.01517
2200	4.0259	-4.3185	1.0286	40.4058	4.8245	1.02856
2300	4.0922	-4.3466	1.0495	41.1844	5.3767	1.04953
2400	4.1649	-4.3770	1.0787	42.1424	6.0911	1.07868
2500	4.2354	-4.4084	1.1132	43.1934	6.8779	1.11317
2600	4.2942	-4.4382	1.1465	44.1709	7.5716	1.14648
2700	4.3362	-4.4641	1.1720	44.9280	8.0330	1.17198
2800	4.3639	-4.4859	1.1881	45.4473	8.2560	1.18809
2900	4.3823	-4.5044	1.1972	45.7982	8.3157	1.19719
3000	4.3957	-4.5210	1.2022	46.0552	8.2908	1.20224
3100	4.4068	-4.5353	1.2052	46.2657	8.2307	1.20522
3200	4.4169	-4.5508	1.2073	46.4561	8.1606	1.20728
3300	4.4268	-4.5648	1.2091	46.6420	8.0964	1.20906
3400	4.4372	-4.5785	1.2110	46.8342	8.0481	1.21100

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	4.4484	-4.5920	1.2135	47.0430	8.0236	1.21349
3600	4.4612	-4.6054	1.2169	47.2795	8.0343	1.21694
3700	4.4762	-4.6191	1.2218	47.5567	8.0902	1.22181
3800	4.4940	-4.6331	1.2287	47.8908	8.2076	1.22870
3900	4.5154	-4.6478	1.2383	48.3002	8.4015	1.23834
4000	4.5412	-4.6634	1.2516	48.8074	8.6922	1.25160
4100	4.5720	-4.6803	1.2696	49.4384	9.1039	1.26956
4200	4.6082	-4.6988	1.2934	50.2203	9.6600	1.29338
4300	4.6500	-4.7193	1.3244	51.1830	10.3876	1.32438
4400	4.6966	-4.7420	1.3636	52.3469	11.3024	1.36364
4500	4.7473	-4.7670	1.4122	53.7307	12.4202	1.41217
4600	4.8003	-4.7939	1.4699	55.3233	13.7257	1.46990
4700	4.8534	-4.8223	1.5358	57.0907	15.1823	1.53580
4800	4.9043	-4.8512	1.6072	58.9592	16.7149	1.60716
4900	4.9506	-4.8793	1.6796	60.8199	18.2154	1.67961
5000	4.9906	-4.9054	1.7483	62.5589	19.5731	1.74828
5100	5.0231	-4.9287	1.8083	64.0637	20.6793	1.80830
5200	5.0485	-4.9488	1.8575	65.2958	21.5018	1.85754
5300	5.0677	-4.9659	1.8957	66.2598	22.0508	1.89572
5400	5.0820	-4.9805	1.9240	66.9914	22.3672	1.92404
5500	5.0927	-4.9930	1.9445	67.5428	22.5069	1.94454
5600	5.1007	-5.0041	1.9591	67.9612	22.5195	1.95914
5700	5.1071	-5.0141	1.9696	68.2887	22.4490	1.96961
5800	5.1122	-5.0233	1.9772	68.5544	22.3250	1.97721
5900	5.1166	-5.0320	1.9829	68.7805	22.1704	1.98294
6000	5.1206	-5.0403	1.9874	68.9819	22.0000	1.98744
6100	5.1243	-5.0483	1.9912	69.1694	21.8254	1.99123
6200	5.1279	-5.0561	1.9947	69.3516	21.6541	1.99467
6300	5.1316	-5.0638	1.9980	69.5342	21.4917	1.99804
6400	5.1354	-5.0714	2.0015	69.7221	21.3423	2.00154
6500	5.1394	-5.0790	2.0054	69.9193	21.2097	2.00536
6600	5.1439	-5.0865	2.0097	70.1295	21.0969	2.00957
6700	5.1484	-5.0941	2.0146	70.3560	21.0069	2.01461
6800	5.1535	-5.1018	2.0203	70.6025	20.9427	2.02036
6900	5.1591	-5.1096	2.0270	70.8721	20.9068	2.02704
7000	5.1653	-5.1175	2.0348	71.1688	20.9027	2.03485
7100	5.1721	-5.1256	2.0439	71.4960	20.9332	2.04395
7200	5.1796	-5.1339	2.0545	71.8579	21.0019	2.05452
7300	5.1879	-5.1425	2.0667	72.2588	21.1125	2.06677
7400	5.1970	-5.1513	2.0808	72.7031	21.2684	2.08092
7500	5.2070	-5.1605	2.0971	73.1954	21.4740	2.09719
7600	5.2179	-5.1701	2.1157	73.7409	21.7334	2.11585
7700	5.2299	-5.1801	2.1370	74.3443	22.0508	2.13714
7800	5.2429	-5.1906	2.1612	75.0113	22.4306	2.16135
7900	5.2570	-5.2016	2.1886	75.7464	22.8775	2.18874
8000	5.2722	-5.2132	2.2194	76.5556	23.3958	2.21962
8100	5.2885	-5.2253	2.2540	77.4433	23.9893	2.25426
8200	5.3058	-5.2380	2.2926	78.4141	24.6619	2.29294
8300	5.3242	-5.2513	2.3355	79.4720	25.4163	2.33590
8400	5.3435	-5.2652	2.3829	80.6199	26.2549	2.38337
8500	5.3636	-5.2798	2.4350	81.8591	27.1779	2.43546
8600	5.3845	-5.2948	2.4917	83.1891	28.1844	2.49228
8700	5.4060	-5.3104	2.5531	84.6076	29.2709	2.55378
8800	5.4278	-5.3265	2.6191	86.1101	30.4320	2.61983
8900	5.4499	-5.3429	2.6892	87.6874	31.6586	2.69009

T	LOG H/R	LOG R40	Z	S/R	H/RT	Z*
9000	5.4720	-5.3595	2.7631	89.3289	32.9391	2.76411
9100	5.4938	-5.3762	2.8402	91.0204	34.2593	2.84127
9200	5.5152	-5.3929	2.9195	92.7429	35.6004	2.92069
9300	5.5360	-5.4095	3.0002	94.4777	36.9429	3.00148
9400	5.5559	-5.4257	3.0811	96.2035	38.2665	3.09258
9500	5.5748	-5.4414	3.1612	97.8961	39.5471	3.16278
9600	5.5926	-5.4566	3.2394	99.5363	40.7667	3.24106
9700	5.6090	-5.4710	3.3146	101.1035	41.9053	3.31633
9800	5.6242	-5.4848	3.3859	102.5828	42.9499	3.38775
9900	5.6380	-5.4976	3.4527	103.9625	43.8886	3.45461
10000	5.6505	-5.5097	3.5145	105.2353	44.7163	3.51645
10100	5.6617	-5.5210	3.5709	106.3963	45.4290	3.57290
10200	5.6716	-5.5314	3.6219	107.4479	46.0301	3.62399
10300	5.6805	-5.5411	3.6676	108.3914	46.5221	3.66969
10400	5.6883	-5.5501	3.7082	109.2346	46.9138	3.71032
10500	5.6952	-5.5584	3.7440	109.9837	47.2122	3.74613
10600	5.7013	-5.5661	3.7754	110.6475	47.4276	3.77752
10700	5.7067	-5.5733	3.8028	111.2348	47.5682	3.80490
10800	5.7114	-5.5801	3.8266	111.7540	47.6445	3.82870
10900	5.7156	-5.5864	3.8472	112.2131	47.6647	3.84930
11000	5.7193	-5.5924	3.8650	112.6201	47.6362	3.86710
11100	5.7226	-5.5981	3.8804	112.9819	47.5672	3.88247
11200	5.7256	-5.6034	3.8936	113.3048	47.4639	3.89569
11300	5.7282	-5.6086	3.9050	113.5939	47.3320	3.90710
11400	5.7306	-5.6135	3.9149	113.8543	47.1758	3.91691
11500	5.7328	-5.6182	3.9234	114.0903	47.0007	3.92538
11600	5.7348	-5.6228	3.9307	114.3050	46.8095	3.93257
11700	5.7366	-5.6272	3.9370	114.5017	46.6046	3.93896
11800	5.7383	-5.6315	3.9425	114.6827	46.3905	3.94439
11900	5.7399	-5.6357	3.9472	114.8506	46.1678	3.94908
12000	5.7414	-5.6398	3.9513	115.0074	45.9389	3.95314
12100	5.7428	-5.6438	3.9548	115.1541	45.7056	3.95667
12200	5.7441	-5.6477	3.9579	115.2925	45.4685	3.95972
12300	5.7453	-5.6515	3.9606	115.4236	45.2294	3.96237
12400	5.7465	-5.6553	3.9629	115.5484	44.9891	3.96459
12500	5.7477	-5.6590	3.9650	115.6680	44.7485	3.96672
12600	5.7488	-5.6627	3.9668	115.7828	44.5074	3.96849
12700	5.7499	-5.6663	3.9684	115.8937	44.2675	3.97005
12800	5.7509	-5.6698	3.9697	116.0009	44.0283	3.97142
12900	5.7520	-5.6733	3.9710	116.1051	43.7909	3.97264
13000	5.7530	-5.6768	3.9721	116.2066	43.5550	3.97371
13100	5.7540	-5.6803	3.9731	116.3057	43.3218	3.97467
13200	5.7550	-5.6837	3.9740	116.4031	43.0905	3.97554
13300	5.7559	-5.6870	3.9748	116.4987	42.8616	3.97633
13400	5.7569	-5.6904	3.9755	116.5929	42.6357	3.97706
13500	5.7578	-5.6937	3.9762	116.6861	42.4128	3.97773
13600	5.7588	-5.6969	3.9769	116.7785	42.1927	3.97836
13700	5.7597	-5.7002	3.9775	116.8702	41.9762	3.97897
13800	5.7607	-5.7034	3.9781	116.9616	41.7630	3.97957
13900	5.7616	-5.7066	3.9787	117.0527	41.5535	3.98017
14000	5.7628	-5.7098	3.9794	117.1640	41.3679	3.98078
14100	5.7635	-5.7130	3.9800	117.2361	41.1462	3.98142
14200	5.7645	-5.7161	3.9807	117.3290	40.9491	3.98210
14300	5.7655	-5.7192	3.9815	117.4228	40.7561	3.98283
14400	5.7665	-5.7223	3.9823	117.5184	40.5680	3.98362

LOG P=-3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	5.7676	-5.7254	3.9832	117.6158	40.3850	3.98452
14600	5.7687	-5.7285	3.9842	117.7155	40.2082	3.98551
14700	5.7698	-5.7316	3.9854	117.8184	40.0374	3.98665
14800	5.7709	-5.7347	3.9867	117.9248	39.8725	3.98793
14900	5.7721	-5.7378	3.9882	118.0352	39.7153	3.98940
15000	5.7734	-5.7409	3.9899	118.1506	39.5653	3.99109

LOG P=-3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-2.8636	1.0000	27.6815	3.4805	1.00000
200	2.8434	-3.1646	1.0000	30.1006	3.4862	1.00000
300	3.0198	-3.3407	1.0000	31.5176	3.4891	1.00000
400	3.1455	-3.4657	1.0000	32.5280	3.4952	1.00000
500	3.2440	-3.5626	1.0000	33.3219	3.5074	1.00000
600	3.3256	-3.6417	1.0000	33.9820	3.5270	1.00000
700	3.3955	-3.7087	1.0000	34.5530	3.5516	1.00000
800	3.4572	-3.7667	1.0000	35.0582	3.5817	1.00000
900	3.5121	-3.8178	1.0000	35.5140	3.6129	1.00000
1000	3.5619	-3.8636	1.0000	35.9286	3.6467	1.00000
1100	3.6071	-3.9050	1.0000	36.3110	3.6791	1.00000
1200	3.6488	-3.9428	1.0000	36.6671	3.7122	1.00000
1300	3.6874	-3.9775	1.0000	36.9982	3.7452	1.00000
1400	3.7234	-4.0097	1.0000	37.3084	3.7779	1.00000
1500	3.7572	-4.0400	1.0000	37.6053	3.8112	1.00004
1600	3.7893	-4.0680	1.0001	37.8883	3.8474	1.00015
1700	3.8204	-4.0945	1.0005	38.1651	3.8900	1.00045
1800	3.8515	-4.1197	1.0012	38.4459	3.9465	1.00122
1900	3.8844	-4.1439	1.0030	38.7477	4.0328	1.00299
2000	3.9213	-4.1678	1.0066	39.0961	4.1714	1.00664
2100	3.9651	-4.1919	1.0136	39.5280	4.3944	1.01357
2200	4.0185	-4.2173	1.0256	40.0879	4.7430	1.02553
2300	4.0818	-4.2446	1.0447	40.8155	5.2490	1.04472
2400	4.1522	-4.2742	1.0718	41.7196	5.9159	1.07177
2500	4.2225	-4.3051	1.1049	42.7371	6.6769	1.10490
2600	4.2834	-4.3352	1.1385	43.7233	7.3870	1.13853
2700	4.3289	-4.3619	1.1659	44.5237	7.8979	1.16588
2800	4.3595	-4.3844	1.1841	45.0903	8.1721	1.18411
2900	4.3798	-4.4035	1.1948	45.4744	8.2673	1.19477
3000	4.3942	-4.4204	1.2008	45.7502	8.2624	1.20075
3100	4.4058	-4.4359	1.2042	45.9700	8.2125	1.20425
3200	4.4161	-4.4506	1.2066	46.1642	8.1466	1.20656
3300	4.4261	-4.4546	1.2084	46.3499	8.0827	1.20843
3400	4.4363	-4.4782	1.2103	46.5389	8.0317	1.21034
3500	4.4472	-4.4917	1.2127	46.7413	8.0012	1.21268
3600	4.4595	-4.5050	1.2158	46.9673	8.0021	1.21583
3700	4.4736	-4.5185	1.2202	47.2289	8.0435	1.22023
3800	4.4904	-4.5323	1.2264	47.5407	8.1402	1.22642
3900	4.5104	-4.5466	1.2351	47.9194	8.3055	1.23506
4000	4.5344	-4.5618	1.2469	48.3852	8.5577	1.24693
4100	4.5631	-4.5780	1.2630	48.9619	8.9189	1.26302
4200	4.5969	-4.5958	1.2844	49.6744	9.4107	1.28438
4300	4.6360	-4.6153	1.3123	50.5508	10.0588	1.31227
4400	4.6801	-4.6369	1.3477	51.6124	10.8799	1.34773
4500	4.7285	-4.6607	1.3919	52.8807	11.8930	1.39189

LOG P=-3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.7798	-4.5865	1.4450	54.3540	13.0918	1.44501
4700	4.8321	-4.7140	1.5066	56.0122	14.4538	1.50650
4800	4.8833	-4.7423	1.5748	57.3013	15.9233	1.57478
4900	4.9310	-4.7705	1.6460	59.5317	17.4103	1.64602
5000	4.9734	-4.7973	1.7159	61.3987	18.8121	1.71590
5100	5.0088	-4.8217	1.7793	62.9808	20.0094	1.77928
5200	5.0372	-4.8431	1.8332	64.3184	20.9494	1.83316
5300	5.0591	-4.8614	1.8763	65.3933	21.6190	1.87632
5400	5.0757	-4.8771	1.9092	66.2248	22.0424	1.90921
5500	5.0880	-4.8906	1.9335	66.8573	22.2682	1.93349
5600	5.0974	-4.9023	1.9510	67.3369	22.3457	1.95098
5700	5.1046	-4.9128	1.9636	67.7084	22.3217	1.96360
5800	5.1104	-4.9223	1.9727	68.0045	22.2300	1.97273
5900	5.1152	-4.9313	1.9795	68.2508	22.0969	1.97951
6000	5.1194	-4.9397	1.9847	68.4646	21.9402	1.98470
6100	5.1233	-4.9478	1.9889	68.6591	21.7734	1.98893
6200	5.1270	-4.9557	1.9926	68.8437	21.6052	1.99259
6300	5.1306	-4.9634	1.9960	69.0252	21.4423	1.99603
6400	5.1343	-4.9710	1.9995	69.2089	21.2896	1.99946
6500	5.1382	-4.9785	2.0031	69.3992	21.1510	2.00310
6600	5.1424	-4.9860	2.0071	69.5999	21.0295	2.00711
6700	5.1468	-4.9935	2.0116	69.8142	20.9286	2.01164
6800	5.1516	-5.0010	2.0168	70.0456	20.8505	2.01686
6900	5.1569	-5.0087	2.0229	70.2972	20.7982	2.02289
7000	5.1626	-5.0164	2.0299	70.5724	20.7743	2.02991
7100	5.1689	-5.0243	2.0380	70.8746	20.7815	2.03805
7200	5.1759	-5.0324	2.0475	71.2075	20.8236	2.04751
7300	5.1835	-5.0407	2.0584	71.5749	20.9034	2.05846
7400	5.1920	-5.0493	2.0710	71.9809	21.0242	2.07109
7500	5.2012	-5.0581	2.0855	72.4297	21.1898	2.08562
7600	5.2113	-5.0673	2.1022	72.9259	21.4041	2.10228
7700	5.2224	-5.0769	2.1212	73.4738	21.6705	2.12129
7800	5.2344	-5.0869	2.1428	74.0786	21.9938	2.14292
7900	5.2474	-5.0974	2.1672	74.7448	22.3774	2.16741
8000	5.2615	-5.1084	2.1948	75.4776	22.8260	2.19505
8100	5.2766	-5.1198	2.2258	76.2813	23.3431	2.22608
8200	5.2928	-5.1319	2.2605	77.1608	23.9326	2.26078
8300	5.3100	-5.1445	2.2990	78.1200	24.5978	2.29941
8400	5.3281	-5.1577	2.3418	79.1625	25.3413	2.34218
8500	5.3471	-5.1715	2.3888	80.2902	26.1643	2.38927
8600	5.3669	-5.1858	2.4403	81.5043	27.0670	2.44084
8700	5.3874	-5.2007	2.4962	82.8046	28.0492	2.49691
8800	5.4085	-5.2160	2.5567	84.1889	29.1067	2.55748
8900	5.4299	-5.2318	2.6215	85.6514	30.2341	2.62238
9000	5.4515	-5.2479	2.6903	87.1848	31.4230	2.69130
9100	5.4731	-5.2642	2.7628	88.7793	32.6629	2.76384
9200	5.4945	-5.2807	2.8381	90.4193	33.9387	2.83931
9300	5.5155	-5.2971	2.9157	92.0894	35.2350	2.91699
9400	5.5358	-5.3133	2.9946	93.7719	36.5335	2.99601
9500	5.5554	-5.3292	3.0737	95.4447	37.8130	3.07530
9600	5.5740	-5.3447	3.1522	97.0895	39.0555	3.15389
9700	5.5914	-5.3597	3.2289	98.6852	40.2405	3.23070
9800	5.6077	-5.3740	3.3029	100.2145	41.3516	3.30478
9900	5.6227	-5.3875	3.3733	101.6629	42.3748	3.37530
10000	5.6365	-5.4004	3.4395	103.0188	43.3002	3.44159

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10100	5.6489	-5.4124	3.5009	104.2723	44.1188	3.50303
10200	5.6602	-5.4236	3.5573	105.4224	44.8311	3.55945
10300	5.6702	-5.4340	3.6084	106.4665	45.4350	3.61055
10400	5.6792	-5.4437	3.6545	107.4093	45.9362	3.65676
10500	5.6871	-5.4527	3.6956	108.2540	46.3396	3.69790
10600	5.6942	-5.4611	3.7320	109.0083	46.6532	3.73436
10700	5.7004	-5.4689	3.7642	109.6795	46.8851	3.76648
10800	5.7059	-5.4762	3.7923	110.2753	47.0439	3.79464
10900	5.7108	-5.4830	3.8169	110.8036	47.1379	3.81921
11000	5.7151	-5.4894	3.8383	111.2723	47.1761	3.84059
11100	5.7190	-5.4954	3.8568	111.6891	47.1656	3.85916
11200	5.7224	-5.5011	3.8729	112.0603	47.1141	3.87523
11300	5.7254	-5.5065	3.8860	112.3917	47.0273	3.88914
11400	5.7282	-5.5117	3.8989	112.6889	46.9106	3.90117
11500	5.7307	-5.5167	3.9093	112.9572	46.7695	3.91157
11600	5.7329	-5.5214	3.9183	113.1996	46.6077	3.92054
11700	5.7350	-5.5260	3.9261	113.4206	46.4292	3.92832
11800	5.7369	-5.5305	3.9329	113.6225	46.2370	3.93503
11900	5.7386	-5.5348	3.9387	113.8086	46.0335	3.94086
12000	5.7403	-5.5390	3.9438	113.9810	45.8213	3.94590
12100	5.7418	-5.5430	3.9482	114.1414	45.6026	3.95028
12200	5.7432	-5.5470	3.9520	114.2916	45.3784	3.95408
12300	5.7446	-5.5509	3.9554	114.4329	45.1502	3.95740
12400	5.7459	-5.5548	3.9583	114.5666	44.9193	3.96029
12500	5.7471	-5.5586	3.9609	114.6938	44.6866	3.96281
12600	5.7483	-5.5623	3.9631	114.8152	44.4529	3.96502
12700	5.7494	-5.5659	3.9651	114.9318	44.2191	3.96696
12800	5.7505	-5.5695	3.9668	115.0439	43.9852	3.96856
12900	5.7516	-5.5730	3.9683	115.1524	43.7524	3.97017
13000	5.7526	-5.5766	3.9697	115.2576	43.5204	3.97149
13100	5.7537	-5.5800	3.9709	115.3598	43.2898	3.97268
13200	5.7547	-5.5834	3.9720	115.4597	43.0617	3.97373
13300	5.7557	-5.5868	3.9729	115.5576	42.8354	3.97468
13400	5.7566	-5.5902	3.9738	115.6535	42.6115	3.97555
13500	5.7576	-5.5935	3.9747	115.7481	42.3898	3.97634
13600	5.7586	-5.5968	3.9754	115.8415	42.1711	3.97707
13700	5.7595	-5.6000	3.9761	115.9338	41.9557	3.97776
13800	5.7605	-5.6033	3.9768	116.0253	41.7425	3.97842
13900	5.7614	-5.6065	3.9775	116.1163	41.5328	3.97905
14000	5.7626	-5.6097	3.9781	116.2272	41.3472	3.97968
14100	5.7633	-5.6128	3.9788	116.2982	41.1243	3.98031
14200	5.7643	-5.6160	3.9794	116.3897	40.9261	3.98096
14300	5.7653	-5.6191	3.9801	116.4815	40.7313	3.98164
14400	5.7663	-5.6222	3.9809	116.5746	40.5414	3.98238
14500	5.7673	-5.6253	3.9817	116.6688	40.3555	3.98317
14600	5.7683	-5.6284	3.9826	116.7646	40.1747	3.98403
14700	5.7694	-5.6314	3.9836	116.8629	39.9994	3.98501
14800	5.7705	-5.6345	3.9847	116.9637	39.8292	3.98609
14900	5.7716	-5.6376	3.9859	117.0677	39.6660	3.98732
15000	5.7728	-5.6406	3.9873	117.1752	39.5084	3.98872

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-2.7636	1.0000	27.4512	3.4806	1.00000

LOG P=-3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8434	-3.0546	1.0000	29.8706	3.4862	1.00000
300	3.0198	-3.2407	1.0000	31.2877	3.4891	1.00000
400	3.1455	-3.3657	1.0000	32.2978	3.4952	1.00000
500	3.2440	-3.4526	1.0000	33.0919	3.5074	1.00000
600	3.3256	-3.5418	1.0000	33.7517	3.5270	1.00000
700	3.3955	-3.5087	1.0000	34.3230	3.5516	1.00000
800	3.4572	-3.6657	1.0000	34.8277	3.5817	1.00000
900	3.5121	-3.7178	1.0000	35.2836	3.6129	1.00000
1000	3.5619	-3.7636	1.0000	35.6982	3.6467	1.00000
1100	3.6071	-3.8050	1.0000	36.0805	3.6791	1.00000
1200	3.6488	-3.8428	1.0000	36.4366	3.7122	1.00000
1300	3.6874	-3.8775	1.0000	36.7677	3.7452	1.00000
1400	3.7234	-3.9097	1.0000	37.0783	3.7779	1.00000
1500	3.7571	-3.9400	1.0000	37.3748	3.8110	1.00004
1600	3.7892	-3.9680	1.0001	37.6573	3.8468	1.00013
1700	3.8202	-3.9945	1.0004	37.9329	3.8882	1.00041
1800	3.8510	-4.0196	1.0011	38.2109	3.9420	1.00109
1900	3.8832	-4.0438	1.0027	38.5063	4.0224	1.00267
2000	3.9190	-4.0675	1.0059	38.8426	4.1496	1.00592
2100	3.9610	-4.0913	1.0121	39.2528	4.3525	1.01213
2200	4.0117	-4.1151	1.0230	39.7784	4.6694	1.02298
2300	4.0720	-4.1427	1.0403	40.4585	5.1320	1.04031
2400	4.1400	-4.1715	1.0653	41.3092	5.7515	1.06530
2500	4.2096	-4.2019	1.0968	42.2872	6.4806	1.09682
2600	4.2721	-4.2320	1.1303	43.2714	7.1963	1.13033
2700	4.3206	-4.2594	1.1592	44.1076	7.7495	1.15919
2800	4.3543	-4.2827	1.1795	44.7216	8.0756	1.17953
2900	4.3768	-4.3025	1.1919	45.1425	8.2102	1.19192
3000	4.3925	-4.3198	1.1990	45.4404	8.2289	1.19900
3100	4.4047	-4.3355	1.2031	45.6718	8.1914	1.20311
3200	4.4153	-4.3503	1.2057	45.8710	8.1311	1.20574
3300	4.4253	-4.3643	1.2078	46.0576	8.0686	1.20775
3400	4.4354	-4.3780	1.2097	46.2444	8.0157	1.20967
3500	4.4461	-4.3914	1.2119	46.4413	7.9804	1.21189
3600	4.4579	-4.4047	1.2148	46.6582	7.9728	1.21479
3700	4.4714	-4.4180	1.2188	46.9060	8.0014	1.21878
3800	4.4872	-4.4315	1.2244	47.1980	8.0797	1.22436
3900	4.5059	-4.4456	1.2321	47.5493	8.2195	1.23210
4000	4.5283	-4.4603	1.2427	47.9782	8.4373	1.24274
4100	4.5550	-4.4750	1.2571	48.5060	8.7532	1.25715
4200	4.5864	-4.4931	1.2763	49.1559	9.1871	1.27629
4300	4.6231	-4.5117	1.3013	49.9539	9.7630	1.30134
4400	4.6645	-4.5322	1.3333	50.9214	10.4976	1.33332
4500	4.7106	-4.5549	1.3734	52.0813	11.4120	1.37337
4600	4.7599	-4.5795	1.4220	53.4382	12.5062	1.42199
4700	4.8110	-4.6060	1.4791	54.9834	13.7690	1.47913
4800	4.8620	-4.6336	1.5436	56.6804	15.1616	1.54360
4900	4.9106	-4.6516	1.6127	58.4580	16.6116	1.61271
5000	4.9550	-4.6888	1.6826	60.2253	18.0293	1.68263
5100	4.9930	-4.7140	1.7483	61.8600	19.2944	1.74830
5200	5.0243	-4.7366	1.8062	63.2890	20.3388	1.80622
5300	5.0491	-4.7553	1.8542	64.4719	21.1269	1.85423
5400	5.0681	-4.7731	1.8919	65.4078	21.6627	1.89189
5500	5.0825	-4.7876	1.9203	66.1299	21.9841	1.92033
5600	5.0933	-4.8001	1.9412	66.5795	22.1361	1.94116

T	LOG H/R	LOG R4O	Z	S/R	-H/RT	Z*
5700	5.1016	-4.8112	1.9563	67.1033	22.1677	1.95631
5800	5.1081	-4.8212	1.9673	67.4367	22.1159	1.96729
5900	5.1135	-4.8304	1.9754	67.7086	22.0100	1.97539
6000	5.1180	-4.8390	1.9815	67.9392	21.8715	1.98148
6100	5.1221	-4.8472	1.9863	68.1439	21.7157	1.98631
6200	5.1259	-4.8552	1.9903	68.3335	21.5535	1.99032
6300	5.1296	-4.8629	1.9939	68.5160	21.3926	1.99393
6400	5.1333	-4.8705	1.9974	68.6976	21.2385	1.99738
6500	5.1371	-4.8780	2.0009	68.8828	21.0956	2.00091
6600	5.1411	-4.8854	2.0047	69.0757	20.9675	2.00470
6700	5.1453	-4.8929	2.0089	69.2798	20.8569	2.00889
6800	5.1499	-4.9003	2.0136	69.4981	20.7670	2.01366
6900	5.1548	-4.9079	2.0191	69.7339	20.7002	2.01912
7000	5.1602	-4.9155	2.0254	69.9902	20.6589	2.02544
7100	5.1661	-4.9232	2.0327	70.2702	20.6459	2.03275
7200	5.1726	-4.9311	2.0412	70.5774	20.6643	2.04123
7300	5.1796	-4.9391	2.0510	70.9151	20.7167	2.05102
7400	5.1874	-4.9474	2.0622	71.2870	20.8061	2.06231
7500	5.1960	-4.9550	2.0752	71.6969	20.9359	2.07529
7600	5.2053	-4.9648	2.0901	72.1492	21.1099	2.09017
7700	5.2155	-4.9740	2.1070	72.6476	21.3309	2.10715
7800	5.2266	-4.9836	2.1263	73.1968	21.6033	2.12647
7900	5.2387	-4.9936	2.1482	73.8010	21.9302	2.14835
8000	5.2517	-5.0040	2.1729	74.4651	22.3161	2.17307
8100	5.2657	-5.0149	2.2006	75.1931	22.7642	2.20085
8200	5.2808	-5.0263	2.2317	75.9896	23.2785	2.23193
8300	5.2968	-5.0382	2.2663	76.8587	23.8621	2.26660
8400	5.3138	-5.0507	2.3047	77.8043	24.5180	2.30507
8500	5.3317	-5.0638	2.3471	78.8288	25.2482	2.34753
8600	5.3504	-5.0774	2.3936	79.9345	26.0541	2.39417
8700	5.3698	-5.0916	2.4445	81.1224	26.9357	2.44508
8800	5.3900	-5.1052	2.4996	82.3920	27.8919	2.50035
8900	5.4106	-5.1213	2.5590	83.7398	28.9188	2.55988
9000	5.4315	-5.1368	2.6226	85.1615	30.0113	2.62353
9100	5.4527	-5.1526	2.6900	86.6508	31.1625	2.69105
9200	5.4738	-5.1687	2.7608	88.1957	32.3603	2.76196
9300	5.4947	-5.1848	2.8344	89.7846	33.5928	2.83571
9400	5.5153	-5.2009	2.9102	91.4031	34.8454	2.91162
9500	5.5352	-5.2169	2.9873	93.0333	36.1002	2.98884
9600	5.5544	-5.2325	3.0647	94.6570	37.3389	3.06644
9700	5.5727	-5.2478	3.1416	96.2546	38.5432	3.14342
9800	5.5900	-5.2625	3.2169	97.8079	39.6954	3.21882
9900	5.6061	-5.2766	3.2897	99.3009	40.7798	3.29174
10000	5.6210	-5.2901	3.3592	100.7189	41.7828	3.36137
10100	5.6347	-5.3028	3.4248	102.0500	42.6941	3.42700
10200	5.6472	-5.3148	3.4859	103.2879	43.5071	3.48820
10300	5.6584	-5.3260	3.5422	104.4263	44.2178	3.54457
10400	5.6686	-5.3364	3.5936	105.4663	44.8276	3.59606
10500	5.6777	-5.3462	3.6401	106.4084	45.3386	3.64259
10600	5.6857	-5.3552	3.6818	107.2569	45.7550	3.68434
10700	5.6929	-5.3637	3.7190	108.0175	46.0842	3.72152
10800	5.6993	-5.3715	3.7519	108.6968	46.3335	3.75444
10900	5.7050	-5.3789	3.7809	109.3017	46.5105	3.78342
11000	5.7100	-5.3857	3.8063	109.8401	46.6234	3.80882
11100	5.7145	-5.3922	3.8285	110.3194	46.6803	3.83105

LOG P=-3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.7184	-5.3983	3.8479	110.7464	46.6885	3.85040
11300	5.7220	-5.4040	3.8647	111.1273	46.6549	3.86724
11400	5.7252	-5.4095	3.8794	111.4681	46.5851	3.88187
11500	5.7280	-5.4147	3.8921	111.7747	46.4850	3.89458
11600	5.7306	-5.4197	3.9031	112.0506	46.3590	3.90559
11700	5.7329	-5.4245	3.9127	112.3008	46.2117	3.91516
11800	5.7351	-5.4291	3.9210	112.5282	46.0468	3.92344
11900	5.7371	-5.4336	3.9283	112.7365	45.8675	3.93054
12000	5.7389	-5.4379	3.9346	112.9283	45.6758	3.93690
12100	5.7406	-5.4421	3.9400	113.1054	45.4750	3.94234
12200	5.7421	-5.4462	3.9448	113.2702	45.2661	3.94707
12300	5.7436	-5.4502	3.9489	113.4241	45.0512	3.95119
12400	5.7450	-5.4542	3.9526	113.5689	44.8323	3.95479
12500	5.7463	-5.4580	3.9557	113.7056	44.6102	3.95793
12600	5.7476	-5.4618	3.9585	113.8353	44.3848	3.96068
12700	5.7488	-5.4655	3.9610	113.9591	44.1587	3.96311
12800	5.7500	-5.4691	3.9631	114.0775	43.9321	3.96522
12900	5.7511	-5.4727	3.9650	114.1915	43.7047	3.96709
13000	5.7522	-5.4762	3.9667	114.3013	43.4781	3.96874
13100	5.7533	-5.4797	3.9682	114.4075	43.2519	3.97021
13200	5.7543	-5.4832	3.9695	114.5109	43.0274	3.97151
13300	5.7553	-5.4866	3.9707	114.6117	42.8042	3.97268
13400	5.7563	-5.4899	3.9718	114.7101	42.5829	3.97372
13500	5.7573	-5.4933	3.9728	114.8066	42.3635	3.97467
13600	5.7583	-5.4966	3.9737	114.9016	42.1467	3.97554
13700	5.7593	-5.4999	3.9745	114.9951	41.9324	3.97634
13800	5.7602	-5.5031	3.9753	115.0876	41.7205	3.97708
13900	5.7612	-5.5063	3.9760	115.1791	41.5115	3.97779
14000	5.7623	-5.5095	3.9767	115.2898	41.3256	3.97846
14100	5.7631	-5.5127	3.9774	115.3606	41.1028	3.97913
14200	5.7641	-5.5158	3.9781	115.4512	40.9038	3.97978
14300	5.7650	-5.5189	3.9788	115.5418	40.7083	3.98045
14400	5.7660	-5.5220	3.9795	115.6332	40.5160	3.98115
14500	5.7670	-5.5251	3.9802	115.7252	40.3282	3.98188
14600	5.7680	-5.5282	3.9810	115.8181	40.1448	3.98266
14700	5.7690	-5.5313	3.9819	115.9129	39.9660	3.98352
14800	5.7701	-5.5343	3.9829	116.0094	39.7921	3.98446
14900	5.7711	-5.5374	3.9839	116.1082	39.6235	3.98551
15000	5.7723	-5.5404	3.9851	116.2097	39.4606	3.98668

LOG P=-3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-2.6636	1.0000	27.2213	3.4805	1.00000
200	2.8434	-2.9646	1.0000	29.6405	3.4862	1.00000
300	3.0198	-3.1407	1.0000	31.0573	3.4891	1.00000
400	3.1455	-3.2657	1.0000	32.0673	3.4952	1.00000
500	3.2440	-3.3626	1.0000	32.8617	3.5074	1.00000
600	3.3256	-3.4419	1.0000	33.5212	3.5270	1.00000
700	3.3955	-3.5087	1.0000	34.0925	3.5516	1.00000
800	3.4572	-3.5667	1.0000	34.5973	3.5817	1.00000
900	3.5121	-3.6178	1.0000	35.0531	3.6129	1.00000
1000	3.5619	-3.6636	1.0000	35.4683	3.6467	1.00000
1100	3.6071	-3.7050	1.0000	35.8504	3.6791	1.00000
1200	3.6489	-3.7428	1.0000	36.2063	3.7122	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1300	3.6874	-3.7775	1.0000	36.5373	3.7452	1.00000
1400	3.7234	-3.8097	1.0000	36.8483	3.7779	1.00000
1500	3.7571	-3.8400	1.0000	37.1444	3.8109	1.00003
1600	3.7892	-3.8680	1.0001	37.4265	3.8463	1.00012
1700	3.8200	-3.8945	1.0004	37.7010	3.8865	1.00036
1800	3.8505	-3.9196	1.0010	37.9763	3.9380	1.00097
1900	3.8822	-3.9436	1.0024	38.2662	4.0131	1.00238
2000	3.9170	-3.9572	1.0053	38.5915	4.1300	1.00529
2100	3.9572	-3.9908	1.0108	38.9824	4.3149	1.01085
2200	4.0055	-4.0151	1.0206	39.4767	4.6030	1.02059
2300	4.0629	-4.0411	1.0363	40.1128	5.0253	1.03629
2400	4.1283	-4.0591	1.0593	40.9116	5.5985	1.05927
2500	4.1967	-4.0988	1.0890	41.8462	6.2911	1.08903
2600	4.2602	-4.1288	1.1220	42.8181	7.0022	1.12199
2700	4.3116	-4.1567	1.1520	43.6813	7.5892	1.15197
2800	4.3484	-4.1808	1.1744	44.3410	7.9659	1.17435
2900	4.3732	-4.2013	1.1886	44.8015	8.1432	1.18859
3000	4.3904	-4.2190	1.1969	45.1249	8.1892	1.19692
3100	4.4034	-4.2350	1.2018	45.3703	8.1667	1.20177
3200	4.4144	-4.2499	1.2048	45.5762	8.1138	1.20481
3300	4.4245	-4.2641	1.2070	45.7649	8.0539	1.20701
3400	4.4346	-4.2778	1.2090	45.9503	8.0001	1.20897
3500	4.4450	-4.2911	1.2111	46.1428	7.9608	1.21112
3600	4.4565	-4.3043	1.2138	46.3517	7.9460	1.21382
3700	4.4693	-4.3175	1.2175	46.5874	7.9634	1.21745
3800	4.4842	-4.3309	1.2225	46.8619	8.0253	1.22249
3900	4.5018	-4.3446	1.2294	47.1888	8.1424	1.22944
4000	4.5227	-4.3590	1.2390	47.5846	8.3294	1.23897
4100	4.5475	-4.3742	1.2519	48.0688	8.6048	1.25187
4200	4.5768	-4.3906	1.2690	48.6623	8.9864	1.26903
4300	4.6111	-4.4084	1.2915	49.3895	9.4969	1.29151
4400	4.6500	-4.4280	1.3203	50.2708	10.1525	1.32030
4500	4.6936	-4.4495	1.3565	51.3298	10.9748	1.35653
4600	4.7408	-4.4730	1.4009	52.5757	11.9686	1.40086
4700	4.7904	-4.4984	1.4536	54.0081	13.1312	1.45355
4800	4.8407	-4.5252	1.5140	55.6039	14.4369	1.51396
4900	4.8897	-4.5527	1.5801	57.3100	15.8313	1.58015
5000	4.9355	-4.5801	1.6490	59.0521	17.2400	1.64903
5100	4.9759	-4.6059	1.7159	60.7139	18.5475	1.71591
5200	5.0100	-4.6296	1.7770	62.2149	19.6774	1.77702
5300	5.0376	-4.6505	1.8295	63.4963	20.5754	1.82946
5400	5.0593	-4.6685	1.8719	64.5370	21.2254	1.87191
5500	5.0758	-4.6841	1.9048	65.3551	21.6502	1.90482
5600	5.0884	-4.6975	1.9294	65.9841	21.8868	1.92940
5700	5.0980	-4.7092	1.9475	66.4692	21.9832	1.94751
5800	5.1054	-4.7197	1.9607	66.8475	21.9789	1.96072
5900	5.1114	-4.7293	1.9704	67.1512	21.9070	1.97043
6000	5.1164	-4.7382	1.9777	67.4032	21.7912	1.97766
6100	5.1208	-4.7466	1.9832	67.6217	21.6507	1.98325
6200	5.1248	-4.7546	1.9878	67.8192	21.4974	1.98777
6300	5.1285	-4.7624	1.9916	68.0053	21.3406	1.99166
6400	5.1323	-4.7700	1.9952	68.1867	21.1871	1.99523
6500	5.1360	-4.7775	1.9987	68.3687	21.0419	1.99873
6600	5.1399	-4.7849	2.0024	68.5558	20.9088	2.00237
6700	5.1439	-4.7923	2.0063	68.7513	20.7906	2.00631

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6800	5.1483	-4.7997	2.0107	68.9586	20.6908	2.01070
6900	5.1530	-4.8071	2.0157	69.1806	20.6114	2.01569
7000	5.1580	-4.8146	2.0214	69.4204	20.5550	2.02140
7100	5.1635	-4.8222	2.0280	69.6808	20.5239	2.02798
7200	5.1695	-4.8299	2.0356	69.9653	20.5215	2.03559
7300	5.1761	-4.8377	2.0443	70.2766	20.5496	2.04436
7400	5.1833	-4.8458	2.0544	70.6182	20.6113	2.05446
7500	5.1912	-4.8540	2.0660	70.9935	20.7093	2.06606
7600	5.1999	-4.8626	2.0793	71.4065	20.8473	2.07934
7700	5.2093	-4.8714	2.0944	71.8606	21.0278	2.09450
7800	5.2195	-4.8806	2.1116	72.3600	21.2545	2.11176
7900	5.2307	-4.8901	2.1312	72.9087	21.5307	2.13131
8000	5.2427	-4.9000	2.1532	73.5110	21.8602	2.15340
8100	5.2557	-4.9104	2.1780	74.1708	22.2460	2.17824
8200	5.2697	-4.9212	2.2058	74.8924	22.6921	2.20608
8300	5.2846	-4.9326	2.2368	75.6799	23.2017	2.23715
8400	5.3004	-4.9444	2.2713	76.5370	23.7775	2.27169
8500	5.3172	-4.9568	2.3094	77.4666	24.4221	2.30988
8600	5.3348	-4.9697	2.3514	78.4715	25.1369	2.35194
8700	5.3532	-4.9831	2.3974	79.5536	25.9240	2.39801
8800	5.3723	-4.9971	2.4475	80.7135	26.7829	2.44820
8900	5.3921	-5.0115	2.5017	81.9501	27.7117	2.50252
9000	5.4122	-5.0263	2.5600	83.2610	28.7076	2.56093
9100	5.4328	-5.0416	2.6223	84.6424	29.7657	2.62331
9200	5.4534	-5.0571	2.6882	86.0860	30.8779	2.68935
9300	5.4741	-5.0728	2.7574	87.5831	32.0347	2.75864
9400	5.4946	-5.0887	2.8293	89.1228	33.2251	2.83071
9500	5.5147	-5.1045	2.9033	90.6895	34.4336	2.90482
9600	5.5343	-5.1201	2.9785	92.2690	35.6462	2.98025
9700	5.5531	-5.1355	3.0543	93.8431	36.8447	3.05611
9800	5.5712	-5.1506	3.1295	95.3947	38.0126	3.13150
9900	5.5882	-5.1651	3.2034	96.9076	39.1340	3.20553
10000	5.6042	-5.1791	3.2751	98.3655	40.1935	3.27734
10100	5.6190	-5.1924	3.3438	99.7539	41.1769	3.34610
10200	5.6326	-5.2051	3.4088	101.0637	42.0766	3.41122
10300	5.6451	-5.2170	3.4696	102.2842	42.8832	3.47210
10400	5.6565	-5.2282	3.5259	103.4136	43.5944	3.52853
10500	5.6667	-5.2386	3.5776	104.4485	44.2098	3.58023
10600	5.6759	-5.2484	3.6245	105.3905	44.7302	3.62723
10700	5.6841	-5.2575	3.6669	106.2426	45.1603	3.66959
10800	5.6915	-5.2660	3.7048	107.0099	45.5059	3.70753
10900	5.6980	-5.2740	3.7385	107.6975	45.7727	3.74125
11000	5.7039	-5.2814	3.7683	108.3126	45.9689	3.77111
11100	5.7090	-5.2884	3.7946	108.8623	46.1017	3.79743
11200	5.7137	-5.2949	3.8177	109.3528	46.1786	3.82054
11300	5.7178	-5.3010	3.8380	109.7908	46.2058	3.84077
11400	5.7215	-5.3069	3.8557	110.1826	46.1905	3.85844
11500	5.7248	-5.3124	3.8711	110.5343	46.1390	3.87387
11600	5.7277	-5.3177	3.8846	110.8500	46.0554	3.88730
11700	5.7304	-5.3227	3.8963	111.1352	45.9456	3.89900
11800	5.7329	-5.3275	3.9065	111.3932	45.8132	3.90917
11900	5.7351	-5.3322	3.9154	111.6283	45.6623	3.91804
12000	5.7372	-5.3367	3.9232	111.8436	45.4955	3.92577
12100	5.7390	-5.3410	3.9299	112.0411	45.3165	3.93249
12200	5.7408	-5.3452	3.9358	112.2237	45.1271	3.93835

LOG P=-3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12300	5.7424	-5.3494	3.9410	112.3931	44.9288	3.94347
12400	5.7440	-5.3534	3.9455	112.5513	44.7241	3.94794
12500	5.7454	-5.3573	3.9494	112.7000	44.5146	3.95185
12600	5.7468	-5.3611	3.9529	112.8399	44.3003	3.95527
12700	5.7481	-5.3649	3.9559	112.9727	44.0839	3.95829
12800	5.7493	-5.3686	3.9586	113.0989	43.8654	3.96092
12900	5.7505	-5.3722	3.9610	113.2197	43.6455	3.96325
13000	5.7517	-5.3758	3.9630	113.3354	43.4247	3.96531
13100	5.7528	-5.3794	3.9649	113.4468	43.2042	3.96712
13200	5.7539	-5.3828	3.9665	113.5546	42.9845	3.96874
13300	5.7549	-5.3863	3.9680	113.6592	42.7654	3.97018
13400	5.7560	-5.3897	3.9693	113.7609	42.5478	3.97145
13500	5.7570	-5.3930	3.9705	113.8602	42.3317	3.97261
13600	5.7580	-5.3964	3.9716	113.9575	42.1171	3.97365
13700	5.7590	-5.3996	3.9725	114.0528	41.9048	3.97461
13800	5.7600	-5.4029	3.9735	114.1467	41.6945	3.97547
13900	5.7609	-5.4061	3.9743	114.2394	41.4871	3.97630
14000	5.7621	-5.4093	3.9751	114.3509	41.3016	3.97706
14100	5.7628	-5.4125	3.9758	114.4220	41.0798	3.97779
14200	5.7638	-5.4156	3.9766	114.5124	40.8804	3.97848
14300	5.7648	-5.4188	3.9773	114.6026	40.6847	3.97918
14400	5.7657	-5.4219	3.9780	114.6930	40.4921	3.97988
14500	5.7667	-5.4250	3.9787	114.7835	40.3026	3.98059
14600	5.7677	-5.4280	3.9795	114.8746	40.1179	3.98133
14700	5.7687	-5.4311	3.9803	114.9668	39.9366	3.98212
14800	5.7697	-5.4341	3.9812	115.0602	39.7602	3.98296
14900	5.7708	-5.4372	3.9821	115.1551	39.5879	3.98388
15000	5.7718	-5.4402	3.9832	115.2520	39.4205	3.98489

LOG P=-3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-2.5636	1.0000	26.9911	3.4805	1.00000
200	2.8434	-2.8646	1.0000	29.4099	3.4862	1.00000
300	3.0198	-3.0407	1.0000	30.8268	3.4891	1.00000
400	3.1455	-3.1657	1.0000	31.8370	3.4952	1.00000
500	3.2440	-3.2625	1.0000	32.6312	3.5074	1.00000
600	3.3256	-3.3417	1.0000	33.2910	3.5270	1.00000
700	3.3955	-3.4087	1.0000	33.8620	3.5516	1.00000
800	3.4572	-3.4667	1.0000	34.3673	3.5817	1.00000
900	3.5121	-3.5178	1.0000	34.8230	3.6129	1.00000
1000	3.5619	-3.5636	1.0000	35.2381	3.6467	1.00000
1100	3.6071	-3.6050	1.0000	35.6204	3.6791	1.00000
1200	3.6488	-3.6428	1.0000	35.9763	3.7122	1.00000
1300	3.6874	-3.6775	1.0000	36.3073	3.7452	1.00000
1400	3.7234	-3.7097	1.0000	36.6179	3.7779	1.00000
1500	3.7571	-3.7400	1.0000	36.9140	3.8107	1.00002
1600	3.7891	-3.7580	1.0001	37.1958	3.8458	1.00010
1700	3.8199	-3.7944	1.0003	37.4693	3.8852	1.00032
1800	3.8501	-3.8195	1.0009	37.7423	3.9343	1.00087
1900	3.8813	-3.8435	1.0021	38.0271	4.0048	1.00212
2000	3.9151	-3.8669	1.0047	38.3426	4.1126	1.00472
2100	3.9538	-3.8903	1.0097	38.7161	4.2812	1.00969
2200	3.9998	-3.9142	1.0184	39.1821	4.5432	1.01843
2300	4.0544	-3.9395	1.0326	39.7775	4.9282	1.03263

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2400	4.1171	-3.9668	1.0537	40.5264	5.4566	1.05368
2500	4.1840	-3.9959	1.0816	41.4149	6.1098	1.08157
2600	4.2480	-4.0256	1.1136	42.3661	6.8077	1.11363
2700	4.3017	-4.0538	1.1443	43.2465	7.4187	1.14431
2800	4.3416	-4.0787	1.1686	43.9480	7.8426	1.16855
2900	4.3690	-4.0999	1.1847	44.4501	8.0652	1.18473
3000	4.3879	-4.1182	1.1945	44.8027	8.1423	1.19448
3100	4.4019	-4.1345	1.2002	45.0648	8.1378	1.20020
3200	4.4133	-4.1495	1.2037	45.2792	8.0942	1.20373
3300	4.4237	-4.1638	1.2062	45.4713	8.0381	1.20618
3400	4.4337	-4.1775	1.2082	45.6564	7.9844	1.20823
3500	4.4440	-4.1908	1.2103	45.8454	7.9421	1.21035
3600	4.4551	-4.2040	1.2129	46.0476	7.9213	1.21288
3700	4.4674	-4.2171	1.2162	46.2727	7.9298	1.21622
3800	4.4816	-4.2303	1.2208	46.5317	7.9763	1.22078
3900	4.4981	-4.2438	1.2270	46.8368	8.0732	1.22703
4000	4.5176	-4.2578	1.2356	47.2031	8.2328	1.23557
4100	4.5408	-4.2725	1.2471	47.6482	8.4719	1.24714
4200	4.5681	-4.2883	1.2525	48.1910	8.8066	1.26251
4300	4.6000	-4.3054	1.2827	48.8541	9.2579	1.28266
4400	4.6365	-4.3241	1.3086	49.6569	9.8413	1.30855
4500	4.6776	-4.3446	1.3413	50.6229	10.5785	1.34126
4600	4.7226	-4.3670	1.3815	51.7638	11.4770	1.38153
4700	4.7704	-4.3912	1.4299	53.0854	12.5405	1.42985
4800	4.8197	-4.4171	1.4860	54.5757	13.7543	1.48602
4900	4.8686	-4.4440	1.5487	56.1972	15.0787	1.54874
5000	4.9153	-4.4712	1.6157	57.3923	16.4558	1.61567
5100	4.9575	-4.4974	1.6826	59.5549	17.7792	1.68263
5200	4.9941	-4.5219	1.7459	61.1048	18.9725	1.74592
5300	5.0246	-4.5439	1.8022	62.4709	19.9681	1.80217
5400	5.0490	-4.5632	1.8492	63.6125	20.7293	1.84924
5500	5.0680	-4.5799	1.8868	64.5303	21.2617	1.88679
5600	5.0825	-4.5943	1.9155	65.2460	21.5910	1.91548
5700	5.0936	-4.6069	1.9370	65.8008	21.7620	1.93695
5800	5.1022	-4.6179	1.9528	66.2321	21.8141	1.95278
5900	5.1090	-4.6279	1.9644	66.5744	21.7833	1.96444
6000	5.1145	-4.6372	1.9731	66.8536	21.6964	1.97308
6100	5.1193	-4.6458	1.9797	67.0902	21.5753	1.97966
6200	5.1235	-4.6540	1.9848	67.2992	21.4348	1.98484
6300	5.1274	-4.6619	1.9891	67.4915	21.2853	1.98914
6400	5.1312	-4.6695	1.9929	67.6750	21.1349	1.99294
6500	5.1349	-4.6770	1.9965	67.8560	20.9893	1.99651
6600	5.1387	-4.6845	2.0001	68.0389	20.8527	2.00009
6700	5.1427	-4.6918	2.0038	68.2277	20.7288	2.00384
6800	5.1469	-4.6991	2.0079	68.4258	20.6207	2.00794
6900	5.1513	-4.7064	2.0125	68.6361	20.5306	2.01253
7000	5.1560	-4.7138	2.0177	68.8615	20.4612	2.01772
7100	5.1612	-4.7212	2.0236	69.1049	20.4145	2.02367
7200	5.1668	-4.7288	2.0305	69.3690	20.3934	2.03052
7300	5.1730	-4.7355	2.0383	69.6570	20.4001	2.03838
7400	5.1797	-4.7443	2.0474	69.9717	20.4370	2.04742
7500	5.1870	-4.7523	2.0577	70.3164	20.5068	2.05779
7600	5.1949	-4.7606	2.0696	70.6944	20.6125	2.06957
7700	5.2037	-4.7691	2.0831	71.1089	20.7570	2.08321
7800	5.2131	-4.7779	2.0985	71.5640	20.9430	2.09863

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7900	5.2234	-4.7870	2.1159	72.7629	21.1736	2.11610
8000	5.2346	-4.7965	2.1357	72.6099	21.4527	2.13583
8100	5.2466	-4.8064	2.1578	73.2083	21.7826	2.15803
8200	5.2595	-4.8167	2.1827	73.8626	22.1673	2.18294
8300	5.2734	-4.8274	2.2105	74.5761	22.6098	2.21076
8400	5.2881	-4.8387	2.2414	75.3528	23.1128	2.24172
8500	5.3038	-4.8504	2.2756	76.1956	23.6790	2.27603
8600	5.3203	-4.8626	2.3134	77.1078	24.3106	2.31387
8700	5.3376	-4.8753	2.3548	78.0917	25.0093	2.35543
8800	5.3557	-4.8886	2.4002	79.1488	25.7763	2.40086
8900	5.3744	-4.9023	2.4494	80.2791	26.6107	2.45020
9000	5.3938	-4.9165	2.5026	81.4821	27.5115	2.50351
9100	5.4135	-4.9311	2.5598	82.7557	28.4756	2.56076
9200	5.4336	-4.9450	2.6206	84.0945	29.4977	2.62174
9300	5.4538	-4.9613	2.6850	85.4926	30.5711	2.68623
9400	5.4740	-4.9767	2.7525	86.9420	31.6875	2.75388
9500	5.4941	-4.9922	2.8226	88.4305	32.8348	2.82413
9600	5.5138	-5.0077	2.8948	89.9476	34.0021	2.89648
9700	5.5330	-5.0231	2.9683	91.4770	35.1725	2.97012
9800	5.5515	-5.0383	3.0423	93.0036	36.3320	3.04429
9900	5.5693	-5.0531	3.1160	94.5114	37.4653	3.11814
10000	5.5861	-5.0674	3.1886	95.9846	38.5561	3.19083
10100	5.6019	-5.0813	3.2591	97.4070	39.5900	3.26146
10200	5.6167	-5.0945	3.3269	98.7680	40.5562	3.32941
10300	5.6303	-5.1071	3.3913	100.0544	41.4430	3.39392
10400	5.6428	-5.1189	3.4519	101.2607	42.2448	3.45462
10500	5.6542	-5.1301	3.5083	102.3803	42.9571	3.51106
10600	5.6646	-5.1406	3.5602	103.4115	43.5782	3.56307
10700	5.6739	-5.1505	3.6076	104.3543	44.1092	3.61057
10800	5.6823	-5.1596	3.6507	105.2113	44.5539	3.65363
10900	5.6898	-5.1682	3.6893	105.9856	44.9157	3.69234
11000	5.6965	-5.1762	3.7239	106.6826	45.2014	3.72695
11100	5.7025	-5.1838	3.7547	107.3091	45.4173	3.75775
11200	5.7079	-5.1908	3.7820	107.8701	45.5703	3.78502
11300	5.7127	-5.1974	3.8060	108.3724	45.6671	3.80906
11400	5.7170	-5.2036	3.8272	108.8223	45.7142	3.83021
11500	5.7208	-5.2095	3.8458	109.2259	45.7187	3.84877
11600	5.7242	-5.2151	3.8620	109.5881	45.6853	3.86502
11700	5.7273	-5.2205	3.8763	109.9145	45.6195	3.87925
11800	5.7301	-5.2255	3.8887	110.2090	45.5262	3.89167
11900	5.7327	-5.2304	3.8996	110.4762	45.4101	3.90253
12000	5.7350	-5.2351	3.9091	110.7198	45.2741	3.91203
12100	5.7372	-5.2396	3.9175	110.9420	45.1211	3.92031
12200	5.7391	-5.2440	3.9247	111.1463	44.9550	3.92756
12300	5.7410	-5.2483	3.9311	111.3349	44.7770	3.93389
12400	5.7427	-5.2524	3.9367	111.5097	44.5903	3.93943
12500	5.7443	-5.2564	3.9416	111.6729	44.3962	3.94429
12600	5.7457	-5.2604	3.9459	111.8256	44.1954	3.94855
12700	5.7472	-5.2642	3.9496	111.9695	43.9909	3.95229
12800	5.7485	-5.2680	3.9530	112.1054	43.7826	3.95558
12900	5.7498	-5.2717	3.9559	112.2347	43.5718	3.95848
13000	5.7510	-5.2753	3.9585	112.3578	43.3593	3.96104
13100	5.7522	-5.2789	3.9608	112.4758	43.1461	3.96329
13200	5.7534	-5.2824	3.9628	112.5892	42.9323	3.96530
13300	5.7545	-5.2859	3.9646	112.6987	42.7186	3.96708

LOG P=-3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13400	5.7555	-5.2893	3.9663	112.8046	42.5053	3.96866
13500	5.7566	-5.2927	3.9677	112.9076	42.2930	3.97008
13600	5.7576	-5.2961	3.9690	113.0081	42.0820	3.97136
13700	5.7587	-5.2994	3.9702	113.1060	41.8727	3.97252
13800	5.7597	-5.3027	3.9713	113.2022	41.6649	3.97355
13900	5.7606	-5.3059	3.9723	113.2965	41.4592	3.97452
14000	5.7618	-5.3091	3.9732	113.4092	41.2752	3.97540
14100	5.7626	-5.3123	3.9741	113.4812	41.0546	3.97624
14200	5.7635	-5.3155	3.9749	113.5723	40.8561	3.97702
14300	5.7545	-5.3186	3.9756	113.6626	40.6605	3.97777
14400	5.7655	-5.3217	3.9764	113.7527	40.4675	3.97850
14500	5.7664	-5.3248	3.9772	113.8426	40.2780	3.97923
14600	5.7674	-5.3279	3.9779'	113.9324	40.0917	3.97997
14700	5.7684	-5.3309	3.9787	114.0230	39.9095	3.98072
14800	5.7694	-5.3339	3.9795	114.1142	39.7302	3.98151
14900	5.7704	-5.3370	3.9804	114.2063	39.5558	3.98235
15000	5.7714	-5.3400	3.9813	114.2999	39.3851	3.98325

LOG P=-2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-2.4636	1.0000	26.7605	3.4806	1.00000
200	2.8434	-2.7646	1.0000	29.1796	3.4862	1.00000
300	3.0198	-2.9407	1.0000	30.5966	3.4891	1.00000
400	3.1455	-3.0657	1.0000	31.6070	3.4952	1.00000
500	3.2440	-3.1625	1.0000	32.4006	3.5074	1.00000
600	3.3256	-3.2417	1.0000	33.0610	3.5270	1.00000
700	3.3955	-3.3087	1.0000	33.6319	3.5516	1.00000
800	3.4572	-3.3657	1.0000	34.1372	3.5817	1.00000
900	3.5121	-3.4178	1.0000	34.5930	3.6129	1.00000
1000	3.5619	-3.4636	1.0000	35.0075	3.6467	1.00000
1100	3.6071	-3.5050	1.0000	35.3900	3.6791	1.00000
1200	3.6488	-3.5428	1.0000	35.7464	3.7122	1.00000
1300	3.6874	-3.5775	1.0000	36.0772	3.7452	1.00000
1400	3.7234	-3.5097	1.0000	36.3873	3.7779	1.00000
1500	3.7571	-3.5400	1.0000	36.6836	3.8106	1.00002
1600	3.7891	-3.5680	1.0001	36.9651	3.8454	1.00010
1700	3.8197	-3.5944	1.0003	37.2377	3.8840	1.00029
1800	3.8498	-3.7195	1.0008	37.5086	3.9312	1.00077
1900	3.8805	-3.7434	1.0019	37.7890	3.9974	1.00199
2000	3.9135	-3.7567	1.0042	38.0958	4.0970	1.00421
2100	3.9507	-3.7898	1.0086	38.4536	4.2511	1.00865
2200	3.9946	-3.8134	1.0165	38.8941	4.4894	1.01650
2300	4.0466	-3.8381	1.0293	39.4520	4.8401	1.02931
2400	4.1066	-3.8647	1.0485	40.1536	5.3258	1.04853
2500	4.1716	-3.8930	1.0745	40.9950	5.9381	1.07452
2600	4.2355	-3.9223	1.1054	41.9182	6.6151	1.10537
2700	4.2911	-3.9507	1.1363	42.8057	7.2405	1.13632
2800	4.3340	-3.9763	1.1622	43.5437	7.7067	1.16216
2900	4.3642	-3.9982	1.1803	44.0881	7.9754	1.18030
3000	4.3849	-4.0171	1.1916	44.4728	8.0872	1.19161
3100	4.4001	-4.0338	1.1983	44.7546	8.1038	1.19835
3200	4.4121	-4.0491	1.2025	44.9796	8.0716	1.20248
3300	4.4227	-4.0634	1.2053	45.1764	8.0208	1.20525
3400	4.4329	-4.0772	1.2074	45.3622	7.9684	1.20745

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	4.4430	-4.0906	1.2096	45.5488	7.9242	1.20956
3600	4.4538	-4.1037	1.2120	45.7454	7.8982	1.21199
3700	4.4657	-4.1157	1.2151	45.9612	7.8973	1.21506
3800	4.4792	-4.1297	1.2192	46.2065	7.9320	1.21920
3900	4.4948	-4.1430	1.2248	46.4924	8.0110	1.22485
4000	4.5130	-4.1557	1.2325	46.8324	8.1462	1.23252
4100	4.5346	-4.1711	1.2429	47.2425	8.3528	1.24288
4200	4.5600	-4.1863	1.2566	47.7399	8.6455	1.25665
4300	4.5898	-4.2027	1.2747	48.3453	9.0434	1.27472
4400	4.6240	-4.2206	1.2980	49.0769	9.5612	1.29798
4500	4.6627	-4.2401	1.3274	49.9574	10.2202	1.32745
4600	4.7053	-4.2614	1.3639	51.0003	11.0296	1.36393
4700	4.7512	-4.2846	1.4081	52.2156	11.9974	1.40806
4800	4.7991	-4.3094	1.4599	53.5994	13.1171	1.45994
4900	4.8474	-4.3356	1.5188	55.1269	14.3616	1.51881
5000	4.8946	-4.3623	1.5830	56.7566	15.6885	1.58301
5100	4.9381	-4.3886	1.6490	58.3961	17.0043	1.64902
5200	4.9770	-4.4137	1.7134	59.9707	18.2369	1.71343
5300	5.0101	-4.4368	1.7727	61.4026	19.3114	1.77266
5400	5.0372	-4.4573	1.8239	62.6354	20.1753	1.82390
5500	5.0588	-4.4751	1.8661	63.6521	20.8157	1.86605
5600	5.0754	-4.4906	1.8991	64.4599	21.2445	1.89911
5700	5.0883	-4.5040	1.9244	65.0929	21.4989	1.92436
5800	5.0982	-4.5158	1.9432	65.5858	21.6165	1.94321
5900	5.1060	-4.5253	1.9572	65.9746	21.6350	1.95720
6000	5.1123	-4.5359	1.9676	66.2870	21.5836	1.96756
6100	5.1175	-4.5448	1.9754	66.5467	21.4872	1.97537
6200	5.1221	-4.5532	1.9814	66.7711	21.3633	1.98141
6300	5.1262	-4.5612	1.9863	66.9728	21.2242	1.98629
6400	5.1300	-4.5690	1.9904	67.1609	21.0793	1.99043
6500	5.1338	-4.5765	1.9942	67.3429	20.9355	1.99418
6600	5.1376	-4.5840	1.9978	67.5237	20.7978	1.99778
6700	5.1414	-4.5913	2.0014	67.7077	20.6698	2.00144
6800	5.1454	-4.5985	2.0053	67.8983	20.5552	2.00532
6900	5.1497	-4.6058	2.0096	68.0988	20.4564	2.00958
7000	5.1542	-4.6131	2.0143	68.3120	20.3757	2.01435
7100	5.1591	-4.6204	2.0197	68.5403	20.3155	2.01976
7200	5.1644	-4.6278	2.0259	68.7869	20.2781	2.02593
7300	5.1701	-4.6353	2.0330	69.0542	20.2660	2.03330
7400	5.1763	-4.6429	2.0411	69.3450	20.2809	2.04111
7500	5.1831	-4.6507	2.0503	69.6624	20.3259	2.05040
7600	5.1905	-4.6587	2.0609	70.0092	20.4032	2.06102
7700	5.1986	-4.6669	2.0730	70.3885	20.5150	2.07312
7800	5.2073	-4.6754	2.0868	70.8039	20.6649	2.08689
7900	5.2168	-4.6842	2.1023	71.2584	20.8549	2.10248
8000	5.2271	-4.6933	2.1199	71.7558	21.0887	2.12011
8100	5.2383	-4.7027	2.1397	72.2993	21.3684	2.13995
8200	5.2502	-4.7125	2.1620	72.8928	21.6979	2.16223
8300	5.2631	-4.7227	2.1868	73.5397	22.0796	2.18712
8400	5.2768	-4.7334	2.2145	74.2437	22.5165	2.21485
8500	5.2914	-4.7445	2.2452	75.0078	23.0115	2.24562
8600	5.3068	-4.7561	2.2791	75.8352	23.5664	2.27951
8700	5.3230	-4.7682	2.3165	76.7285	24.1837	2.31702
8800	5.3401	-4.7808	2.3573	77.5898	24.8646	2.35800
8900	5.3578	-4.7938	2.4019	78.7201	25.6101	2.40256

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	5.3762	-4.8073	2.4592	79.8200	26.4195	2.45109
9100	5.3951	-4.8212	2.5024	80.9890	27.2917	2.50335
9200	5.4144	-4.8356	2.5582	82.2238	28.2232	2.55932
9300	5.4340	-4.8503	2.6177	83.5208	29.2098	2.61890
9400	5.4538	-4.8652	2.6805	84.8744	30.2452	2.68186
9500	5.4736	-4.8803	2.7463	86.2755	31.3203	2.74779
9600	5.4932	-4.8955	2.8146	87.7159	32.4268	2.81633
9700	5.5125	-4.9108	2.8850	89.1828	33.5519	2.88683
9800	5.5313	-4.9259	2.9567	90.6628	34.6816	2.95868
9900	5.5496	-4.9408	3.0290	92.1424	35.8037	3.03114
10000	5.5671	-4.9554	3.1011	93.6069	36.9027	3.10345
10100	5.5837	-4.9695	3.1723	95.0399	37.9635	3.17472
10200	5.5994	-4.9832	3.2417	96.4299	38.9747	3.24431
10300	5.6141	-4.9963	3.3087	97.7622	39.9221	3.31139
10400	5.6277	-5.0089	3.3726	99.0286	40.7982	3.37542
10500	5.6402	-5.0207	3.4329	100.2192	41.5949	3.43584
10600	5.6517	-5.0319	3.4893	101.3295	42.3078	3.49232
10700	5.6622	-5.0424	3.5415	102.3568	42.9353	3.54461
10800	5.6717	-5.0523	3.5894	103.3006	43.4768	3.59262
10900	5.6802	-5.0616	3.6331	104.1613	43.9350	3.63632
11000	5.6879	-5.0702	3.6726	104.9431	44.3138	3.67584
11100	5.6948	-5.0783	3.7081	105.6503	44.6186	3.71138
11200	5.7010	-5.0859	3.7398	106.2879	44.8548	3.74315
11300	5.7066	-5.0931	3.7681	106.8611	45.0284	3.77140
11400	5.7115	-5.0998	3.7931	107.3762	45.1463	3.79645
11500	5.7160	-5.1061	3.8153	107.8393	45.2147	3.81860
11600	5.7200	-5.1121	3.8348	108.2551	45.2390	3.83811
11700	5.7236	-5.1177	3.8520	108.6294	45.2248	3.85528
11800	5.7268	-5.1231	3.8671	108.9668	45.1775	3.87034
11900	5.7297	-5.1283	3.8803	109.2720	45.1017	3.88356
12000	5.7324	-5.1332	3.8920	109.5492	45.0014	3.89517
12100	5.7348	-5.1379	3.9021	109.8012	44.8808	3.90532
12200	5.7371	-5.1425	3.9111	110.0318	44.7424	3.91423
12300	5.7391	-5.1469	3.9189	110.2434	44.5893	3.92204
12400	5.7410	-5.1512	3.9258	110.4385	44.4242	3.92889
12500	5.7428	-5.1554	3.9319	110.6194	44.2487	3.93490
12600	5.7445	-5.1594	3.9372	110.7877	44.0653	3.94018
12700	5.7460	-5.1634	3.9419	110.9453	43.8753	3.94482
12800	5.7475	-5.1672	3.9460	111.0933	43.6800	3.94891
12900	5.7489	-5.1710	3.9496	111.2331	43.4805	3.95252
13000	5.7502	-5.1747	3.9528	111.3654	43.2777	3.95569
13100	5.7515	-5.1784	3.9557	111.4915	43.0732	3.95851
13200	5.7527	-5.1819	3.9582	111.6120	42.8667	3.96100
13300	5.7539	-5.1854	3.9605	111.7277	42.6598	3.96321
13400	5.7550	-5.1889	3.9625	111.8391	42.4524	3.96517
13500	5.7561	-5.1923	3.9643	111.9467	42.2452	3.96692
13600	5.7572	-5.1957	3.9659	112.0512	42.0382	3.96849
13700	5.7582	-5.1991	3.9673	112.1528	41.8327	3.96991
13800	5.7593	-5.2024	3.9686	112.2519	41.6286	3.97118
13900	5.7603	-5.2056	3.9698	112.3486	41.4255	3.97235
14000	5.7615	-5.2089	3.9709	112.4635	41.2440	3.97339
14100	5.7623	-5.2121	3.9719	112.5372	41.0254	3.97438
14200	5.7633	-5.2152	3.9729	112.6295	40.8283	3.97528
14300	5.7642	-5.2184	3.9738	112.7206	40.6338	3.97613
14400	5.7652	-5.2215	3.9746	112.8111	40.4413	3.97694

LOG P=-2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	5.7662	-5.2246	3.9754	112.9010	40.2519	3.97773
14600	5.7671	-5.2277	3.9762	112.9904	40.0654	3.97849
14700	5.7681	-5.2307	3.9770	113.0802	39.8828	3.97926
14800	5.7691	-5.2338	3.9778	113.1700	39.7025	3.98004
14900	5.7701	-5.2368	3.9786	113.2603	39.5264	3.98085
15000	5.7711	-5.2398	3.9795	113.3515	39.3533	3.98168

LOG P=-2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-2.3636	1.0000	26.5302	3.4805	1.00000
200	2.8434	-2.6646	1.0000	28.9496	3.4862	1.00000
300	3.0198	-2.8407	1.0000	30.3666	3.4891	1.00000
400	3.1455	-2.9657	1.0000	31.3768	3.4952	1.00000
500	3.2440	-3.0626	1.0000	32.1701	3.5074	1.00000
600	3.3256	-3.1417	1.0000	32.8307	3.5270	1.00000
700	3.3955	-3.2087	1.0000	33.4019	3.5516	1.00000
800	3.4572	-3.2567	1.0000	33.9067	3.5817	1.00000
900	3.5121	-3.3178	1.0000	34.3626	3.6129	1.00000
1000	3.5619	-3.3636	1.0000	34.7772	3.6467	1.00000
1100	3.6071	-3.4050	1.0000	35.1595	3.6791	1.00000
1200	3.6488	-3.4428	1.0000	35.5164	3.7122	1.00000
1300	3.6874	-3.4775	1.0000	35.8467	3.7452	1.00000
1400	3.7234	-3.5097	1.0000	36.1573	3.7779	1.00000
1500	3.7571	-3.5400	1.0000	36.4532	3.8105	1.00002
1600	3.7890	-3.5680	1.0001	36.7344	3.8450	1.00009
1700	3.8196	-3.5944	1.0003	37.0062	3.8828	1.00026
1800	3.8495	-3.6194	1.0007	37.2753	3.9283	1.00068
1900	3.8798	-3.6433	1.0017	37.5517	3.9908	1.00168
2000	3.9120	-3.6665	1.0038	37.8507	4.0831	1.00376
2100	3.9480	-3.6894	1.0077	38.1944	4.2241	1.00772
2200	3.9899	-3.7126	1.0148	38.6119	4.4411	1.01476
2300	4.0394	-3.7369	1.0263	39.1356	4.7603	1.02631
2400	4.0967	-3.7627	1.0438	39.7926	5.2055	1.04381
2500	4.1596	-3.7903	1.0679	40.5867	5.7764	1.06787
2600	4.2230	-3.8192	1.0973	41.4763	6.4269	1.09729
2700	4.2800	-3.8476	1.1281	42.3615	7.0571	1.12810
2800	4.3256	-3.8737	1.1552	43.1286	7.5584	1.15522
2900	4.3585	-3.8964	1.1753	43.7144	7.8730	1.17526
3000	4.3814	-3.9159	1.1883	44.1341	8.0225	1.18826
3100	4.3979	-3.9330	1.1962	44.4388	8.0637	1.19618
3200	4.4107	-3.9486	1.2010	44.6768	8.0455	1.20102
3300	4.4217	-3.9531	1.2042	44.8798	8.0015	1.20419
3400	4.4319	-3.9769	1.2066	45.0675	7.9517	1.20658
3500	4.4421	-3.9903	1.2087	45.2526	7.9065	1.20875
3600	4.4526	-4.0033	1.2111	45.4447	7.8765	1.21109
3700	4.4641	-4.0163	1.2140	45.6526	7.8682	1.21396
3800	4.4770	-4.0292	1.2178	45.8858	7.8919	1.21775
3900	4.4917	-4.0423	1.2229	46.1546	7.9550	1.22285
4000	4.5089	-4.0557	1.2298	46.4713	8.0685	1.22975
4100	4.5290	-4.0697	1.2390	46.8500	8.2461	1.23904
4200	4.5527	-4.0845	1.2514	47.3067	8.5011	1.25137
4300	4.5805	-4.1003	1.2676	47.8601	8.8511	1.26757
4400	4.6124	-4.1174	1.2884	48.5273	9.3095	1.28845
4500	4.6487	-4.1350	1.3150	49.3299	9.8969	1.31497

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.6890	-4.1563	1.3479	50.2820	10.6235	1.34794
4700	4.7328	-4.1784	1.3881	51.3962	11.4999	1.38808
4800	4.7791	-4.2022	1.4357	52.6749	12.5259	1.43573
4900	4.8264	-4.2274	1.4906	54.1037	13.6849	1.49056
5000	4.8735	-4.2536	1.5515	55.6551	14.9478	1.55148
5100	4.9180	-4.2798	1.6156	57.2509	16.2346	1.61565
5200	4.9586	-4.3052	1.6801	58.8252	17.4817	1.68010
5300	4.9941	-4.3290	1.7413	60.3008	18.6140	1.74132
5400	5.0239	-4.3506	1.7961	61.6108	19.5673	1.79611
5500	5.0481	-4.3697	1.8426	62.7216	20.3123	1.84265
5600	5.0672	-4.3862	1.8802	63.6240	20.8436	1.88019
5700	5.0820	-4.4007	1.9095	64.3416	21.1888	1.90951
5800	5.0934	-4.4132	1.9318	64.9040	21.3806	1.93177
5900	5.1024	-4.4244	1.9485	65.3469	21.4568	1.94847
6000	5.1095	-4.4345	1.9609	65.5995	21.4484	1.96098
6100	5.1154	-4.4437	1.9702	65.9881	21.3829	1.97022
6200	5.1204	-4.4523	1.9774	66.2323	21.2803	1.97736
6300	5.1248	-4.4605	1.9830	66.4471	21.1555	1.98299
6400	5.1288	-4.4684	1.9876	66.6429	21.0193	1.98763
6500	5.1326	-4.4760	1.9917	66.8282	20.8798	1.99167
6600	5.1364	-4.4834	1.9954	67.0091	20.7430	1.99540
6700	5.1402	-4.4908	1.9990	67.1901	20.6129	1.99904
6800	5.1441	-4.4980	2.0028	67.3752	20.4935	2.00279
6900	5.1482	-4.5052	2.0068	67.5676	20.3875	2.00681
7000	5.1525	-4.5124	2.0112	67.7703	20.2975	2.01122
7100	5.1572	-4.5196	2.0161	67.9858	20.2257	2.01617
7200	5.1621	-4.5269	2.0217	68.2169	20.1744	2.02177
7300	5.1675	-4.5343	2.0281	68.4660	20.1454	2.02814
7400	5.1733	-4.5417	2.0354	68.7358	20.1410	2.03543
7500	5.1796	-4.5493	2.0437	69.0289	20.1635	2.04376
7600	5.1865	-4.5571	2.0532	69.3482	20.2156	2.05327
7700	5.1940	-4.5651	2.0640	69.6962	20.2989	2.06409
7800	5.2021	-4.5732	2.0763	70.0762	20.4163	2.07640
7900	5.2109	-4.5817	2.0902	70.4911	20.5702	2.09033
8000	5.2204	-4.5904	2.1059	70.9442	20.7633	2.10608
8100	5.2307	-4.5994	2.1236	71.4384	20.9983	2.12381
8200	5.2417	-4.6088	2.1435	71.9775	21.2782	2.14372
8300	5.2536	-4.6185	2.1657	72.5645	21.6051	2.16598
8400	5.2664	-4.6287	2.1905	73.2029	21.9826	2.19079
8500	5.2799	-4.6392	2.2180	73.8956	22.4129	2.21835
8600	5.2943	-4.6502	2.2484	74.6458	22.8983	2.24884
8700	5.3095	-4.6617	2.2819	75.4563	23.4411	2.28245
8800	5.3255	-4.6736	2.3187	76.3294	24.0430	2.31934
8900	5.3422	-4.6860	2.3589	77.2668	24.7049	2.35966
9000	5.3596	-4.6988	2.4027	78.2698	25.4280	2.40351
9100	5.3775	-4.7121	2.4500	79.3387	26.2114	2.45098
9200	5.3960	-4.7258	2.5010	80.4721	27.0538	2.50207
9300	5.4149	-4.7398	2.5555	81.6680	27.9525	2.55672
9400	5.4341	-4.7542	2.6135	82.9229	28.9033	2.61484
9500	5.4534	-4.7688	2.6746	84.2304	29.8998	2.67614
9600	5.4727	-4.7837	2.7387	85.5844	30.9354	2.74037
9700	5.4919	-4.7986	2.8053	86.9755	32.0003	2.80707
9800	5.5108	-4.8135	2.8738	88.3931	33.0843	2.87576
9900	5.5293	-4.8284	2.9437	89.8259	34.1753	2.94585
10000	5.5473	-4.8430	3.0143	91.2603	35.2603	3.01666

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10100	5.5645	-4.8574	3.0849	92.6810	36.3249	3.08736
10200	5.5810	-4.8714	3.1547	94.0770	37.3577	3.15734
10300	5.5965	-4.8849	3.2229	95.4323	38.3437	3.22574
10400	5.6111	-4.8980	3.2891	96.7382	39.2746	3.29202
10500	5.6248	-4.9104	3.3524	97.9825	40.1390	3.35546
10600	5.6374	-4.9222	3.4125	99.1583	40.9309	3.41565
10700	5.6489	-4.9334	3.4689	100.2599	41.6449	3.47217
10800	5.6595	-4.9440	3.5214	101.2839	42.2786	3.52479
10900	5.6692	-4.9539	3.5698	102.2280	42.8307	3.57328
11000	5.6779	-4.9633	3.6142	103.0939	43.3032	3.61770
11100	5.6858	-4.9720	3.6545	103.8840	43.6997	3.65810
11200	5.6929	-4.9802	3.6910	104.6015	44.0232	3.69458
11300	5.6993	-4.9879	3.7237	105.2506	44.2799	3.72735
11400	5.7050	-4.9951	3.7530	105.8368	44.4752	3.75665
11500	5.7102	-5.0019	3.7791	106.3656	44.6147	3.78275
11600	5.7148	-5.0084	3.8023	106.8413	44.7039	3.80591
11700	5.7190	-5.0144	3.8228	107.2704	44.7492	3.82643
11800	5.7227	-5.0202	3.8409	107.6569	44.7545	3.84453
11900	5.7261	-5.0256	3.8569	108.0065	44.7272	3.86051
12000	5.7292	-5.0309	3.8710	108.3233	44.6696	3.87459
12100	5.7320	-5.0359	3.8834	108.6106	44.5865	3.88697
12200	5.7345	-5.0407	3.8944	108.8724	44.4820	3.89787
12300	5.7369	-5.0453	3.9040	109.1117	44.3582	3.90745
12400	5.7390	-5.0497	3.9125	109.3313	44.2192	3.91587
12500	5.7410	-5.0540	3.9199	109.5338	44.0670	3.92330
12600	5.7429	-5.0582	3.9265	109.7213	43.9045	3.92982
12700	5.7446	-5.0623	3.9323	109.8957	43.7324	3.93558
12800	5.7462	-5.0663	3.9374	110.0585	43.5525	3.94064
12900	5.7478	-5.0702	3.9419	110.2112	43.3674	3.94512
13000	5.7492	-5.0739	3.9459	110.3550	43.1767	3.94906
13100	5.7506	-5.0777	3.9494	110.4911	42.9832	3.95256
13200	5.7519	-5.0813	3.9526	110.6205	42.7863	3.95556
13300	5.7531	-5.0849	3.9553	110.7440	42.5876	3.95841
13400	5.7543	-5.0884	3.9578	110.8622	42.3875	3.96084
13500	5.7555	-5.0919	3.9601	110.9759	42.1866	3.96302
13600	5.7566	-5.0953	3.9620	111.0857	41.9859	3.96497
13700	5.7577	-5.0987	3.9638	111.1917	41.7850	3.96671
13800	5.7588	-5.1020	3.9654	111.2947	41.5848	3.96827
13900	5.7599	-5.1053	3.9669	111.3949	41.3856	3.96969
14000	5.7611	-5.1086	3.9682	111.5125	41.2074	3.97097
14100	5.7619	-5.1118	3.9694	111.5886	40.9911	3.97214
14200	5.7629	-5.1150	3.9705	111.6828	40.7961	3.97320
14300	5.7639	-5.1182	3.9715	111.7755	40.6033	3.97420
14400	5.7649	-5.1213	3.9725	111.8671	40.4125	3.97513
14500	5.7659	-5.1244	3.9734	111.9578	40.2239	3.97601
14600	5.7668	-5.1275	3.9743	112.0474	40.0381	3.97685
14700	5.7678	-5.1305	3.9751	112.1369	39.8547	3.97766
14800	5.7689	-5.1336	3.9760	112.2263	39.6745	3.97847
14900	5.7698	-5.1366	3.9768	112.3156	39.4973	3.97928
15000	5.7707	-5.1396	3.9777	112.4053	39.3236	3.98009

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-2.2636	1.0000	26.3002	3.4805	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8434	-2.5646	1.0000	28.7195	3.4862	1.00000
300	3.0198	-2.7407	1.0000	30.1363	3.4891	1.00000
400	3.1455	-2.8657	1.0000	31.1463	3.4952	1.00000
500	3.2440	-2.9526	1.0000	31.9399	3.5074	1.00000
600	3.3256	-3.0417	1.0000	32.6002	3.5270	1.00000
700	3.3955	-3.1087	1.0000	33.1715	3.5515	1.00000
800	3.4572	-3.1667	1.0000	33.6761	3.5817	1.00000
900	3.5121	-3.2178	1.0000	34.1321	3.6129	1.00000
1000	3.5619	-3.2636	1.0000	34.5472	3.6467	1.00000
1100	3.6071	-3.3050	1.0000	34.9294	3.6791	1.00000
1200	3.6488	-3.3428	1.0000	35.2861	3.7122	1.00000
1300	3.6874	-3.3775	1.0000	35.6163	3.7452	1.00000
1400	3.7234	-3.4097	1.0000	35.9273	3.7779	1.00000
1500	3.7571	-3.4400	1.0000	36.2229	3.8104	1.00002
1600	3.7890	-3.4680	1.0001	36.5038	3.8446	1.00008
1700	3.8195	-3.4944	1.0002	36.7749	3.8819	1.00023
1800	3.8492	-3.5194	1.0006	37.0424	3.9258	1.00061
1900	3.8792	-3.5433	1.0015	37.3152	3.9849	1.00150
2000	3.9107	-3.5663	1.0033	37.6071	4.0706	1.00335
2100	3.9455	-3.5891	1.0069	37.9383	4.2000	1.00689
2200	3.9856	-3.6120	1.0132	38.3350	4.3977	1.01320
2300	4.0327	-3.6357	1.0236	38.8275	4.6882	1.02360
2400	4.0874	-3.6609	1.0395	39.4428	5.0957	1.03948
2500	4.1481	-3.5878	1.0617	40.1906	5.6255	1.06167
2600	4.2105	-3.7151	1.0895	41.0426	6.2450	1.08950
2700	4.2684	-3.7444	1.1198	41.9166	6.8710	1.11978
2800	4.3164	-3.7709	1.1478	42.7048	7.3998	1.14780
2900	4.3521	-3.7943	1.1696	43.3295	7.7580	1.16963
3000	4.3774	-3.8145	1.1844	43.7860	7.9476	1.18440
3100	4.3954	-3.8321	1.1936	44.1166	8.0166	1.19363
3200	4.4091	-3.8479	1.1993	44.3700	8.0151	1.19931
3300	4.4205	-3.8626	1.2030	44.5812	7.9801	1.20297
3400	4.4310	-3.8765	1.2056	44.7720	7.9338	1.20562
3500	4.4411	-3.8899	1.2079	44.9567	7.8887	1.20789
3600	4.4515	-3.9030	1.2102	45.1452	7.8558	1.21019
3700	4.4626	-3.9159	1.2129	45.3463	7.8414	1.21291
3800	4.4750	-3.9287	1.2164	45.5691	7.8554	1.21639
3900	4.4889	-3.9416	1.2210	45.8228	7.9045	1.22103
4000	4.5051	-3.9548	1.2272	46.1186	7.9987	1.22724
4100	4.5240	-3.9685	1.2356	46.4695	8.1505	1.23558
4200	4.5461	-3.9828	1.2466	46.8898	8.3717	1.24663
4300	4.5719	-3.9981	1.2612	47.3966	8.6785	1.26115
4400	4.6017	-4.0145	1.2799	48.0056	9.0833	1.27987
4500	4.6357	-4.0323	1.3037	48.7373	9.6057	1.30372
4600	4.6737	-4.0516	1.3335	49.6058	10.2559	1.33346
4700	4.7153	-4.0726	1.3699	50.6253	11.0466	1.36986
4800	4.7598	-4.0954	1.4134	51.8026	11.9817	1.41344
4900	4.8059	-4.1196	1.4641	53.1310	13.0524	1.46415
5000	4.8525	-4.1451	1.5214	54.5946	14.2410	1.52139
5100	4.8974	-4.1709	1.5830	56.1293	15.4814	1.58297
5200	4.9393	-4.1964	1.6465	57.6808	16.7207	1.64647
5300	4.9768	-4.2208	1.7087	59.1773	17.8879	1.70865
5400	5.0091	-4.2433	1.7662	60.5459	18.9126	1.76615
5500	5.0360	-4.2635	1.8166	61.7402	19.7523	1.81659
5600	5.0575	-4.2812	1.8585	62.7352	20.3855	1.85852

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	5.0745	-4.2967	1.8921	63.5416	20.8269	1.89213
5800	5.0877	-4.3102	1.9182	64.1811	21.1013	1.91817
5900	5.0981	-4.3221	1.9380	64.5865	21.2442	1.93799
6000	5.1063	-4.3327	1.9528	65.0867	21.2863	1.95284
6100	5.1129	-4.3423	1.9640	65.4106	21.2585	1.96402
6200	5.1184	-4.3513	1.9725	65.6800	21.1826	1.97251
6300	5.1231	-4.3597	1.9791	65.9118	21.0764	1.97911
6400	5.1274	-4.3577	1.9844	66.1186	20.9523	1.98441
6500	5.1314	-4.3754	1.9889	66.3101	20.8198	1.98888
6600	5.1352	-4.3829	1.9928	66.4933	20.6862	1.99285
6700	5.1390	-4.3902	1.9966	66.6734	20.5564	1.99657
6800	5.1429	-4.3975	2.0003	66.8549	20.4341	2.00029
6900	5.1468	-4.4046	2.0041	67.0412	20.3230	2.00414
7000	5.1510	-4.4118	2.0083	67.2352	20.2252	2.00828
7100	5.1554	-4.4189	2.0128	67.4399	20.1435	2.01285
7200	5.1601	-4.4261	2.0179	67.6576	20.0801	2.01796
7300	5.1651	-4.4333	2.0237	67.8909	20.0366	2.02374
7400	5.1706	-4.4406	2.0303	68.1421	20.0153	2.03032
7500	5.1765	-4.4481	2.0377	68.4137	20.0183	2.03780
7600	5.1829	-4.4556	2.0463	68.7085	20.0479	2.04632
7700	5.1898	-4.4634	2.0559	69.0286	20.1058	2.05601
7800	5.1973	-4.4713	2.0669	69.3772	20.1943	2.06701
7900	5.2055	-4.4794	2.0793	69.7566	20.3158	2.07946
8000	5.2143	-4.4878	2.0934	70.1702	20.4729	2.09354
8100	5.2238	-4.4965	2.1092	70.6204	20.6676	2.10937
8200	5.2340	-4.5054	2.1269	71.1107	20.9030	2.12716
8300	5.2450	-4.5147	2.1468	71.6438	21.1811	2.14705
8400	5.2568	-4.5244	2.1689	72.2233	21.5050	2.16925
8500	5.2694	-4.5344	2.1935	72.8516	21.8767	2.19392
8600	5.2828	-4.5449	2.2208	73.5320	22.2988	2.22124
8700	5.2969	-4.5557	2.2509	74.2671	22.7734	2.25138
8800	5.3119	-4.5670	2.2839	75.0594	23.3025	2.28454
8900	5.3276	-4.5788	2.3202	75.9111	23.8875	2.32084
9000	5.3439	-4.5909	2.3596	76.8237	24.5298	2.36042
9100	5.3610	-4.6036	2.4025	77.7986	25.2297	2.40340
9200	5.3785	-4.6156	2.4488	78.8351	25.9866	2.44982
9300	5.3966	-4.6300	2.4985	79.9330	26.7994	2.49970
9400	5.4151	-4.6438	2.5517	81.0902	27.6652	2.55301
9500	5.4338	-4.6579	2.6081	82.3025	28.5800	2.60960
9600	5.4527	-4.6723	2.6677	83.5657	29.5387	2.66929
9700	5.4716	-4.6868	2.7300	84.8731	30.5346	2.73179
9800	5.4903	-4.7014	2.7947	86.2158	31.5589	2.79668
9900	5.5089	-4.7161	2.8614	87.5854	32.6028	2.86356
10000	5.5271	-4.7306	2.9295	88.9708	33.6549	2.93186
10100	5.5447	-4.7451	2.9984	90.3585	34.7024	3.00089
10200	5.5617	-4.7592	3.0674	91.7382	35.7352	3.07007
10300	5.5780	-4.7730	3.1357	93.0945	36.7383	3.13851
10400	5.5934	-4.7864	3.2029	94.4184	37.7028	3.20595
10500	5.6080	-4.7993	3.2682	95.6966	38.6162	3.27135
10600	5.6216	-4.8117	3.3309	96.9202	39.4692	3.33425
10700	5.6342	-4.8235	3.3907	98.0812	40.2560	3.39418
10800	5.6459	-4.8347	3.4472	99.1734	40.9704	3.45072
10900	5.6566	-4.8453	3.4999	100.1923	41.6090	3.50354
11000	5.6664	-4.8553	3.5488	101.1370	42.1715	3.55255
11100	5.6753	-4.8647	3.5939	102.0078	42.6582	3.59767

LOG P=-2.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.6834	-4.8736	3.6350	102.8055	43.0714	3.63888
11300	5.6907	-4.8819	3.6724	103.5329	43.4144	3.67631
11400	5.6973	-4.8897	3.7062	104.1941	43.6920	3.71011
11500	5.7033	-4.8970	3.7366	104.7940	43.9091	3.74051
11600	5.7086	-4.9039	3.7637	105.3361	44.0705	3.75771
11700	5.7134	-4.9105	3.7880	105.8265	44.1819	3.79198
11800	5.7178	-4.9156	3.8096	106.2692	44.2487	3.81354
11900	5.7217	-4.9225	3.8287	106.6696	44.2753	3.83269
12000	5.7253	-4.9280	3.8457	107.0325	44.2675	3.84965
12100	5.7285	-4.9333	3.8607	107.3610	44.2290	3.86464
12200	5.7314	-4.9384	3.8740	107.6598	44.1635	3.87788
12300	5.7341	-4.9432	3.8857	107.9320	44.0757	3.88957
12400	5.7366	-4.9479	3.8961	108.1809	43.9682	3.89988
12500	5.7388	-4.9524	3.9052	108.4094	43.8441	3.90899
12600	5.7409	-4.9568	3.9133	108.6197	43.7053	3.91702
12700	5.7428	-4.9610	3.9204	108.8146	43.5551	3.92412
12800	5.7447	-4.9651	3.9267	108.9953	43.3951	3.93038
12900	5.7463	-4.9691	3.9323	109.1641	43.2268	3.93592
13000	5.7479	-4.9730	3.9373	109.3220	43.0515	3.94081
13100	5.7494	-4.9768	3.9416	109.4704	42.8705	3.94515
13200	5.7509	-4.9805	3.9455	109.6107	42.6855	3.94899
13300	5.7522	-4.9842	3.9490	109.7440	42.4971	3.95240
13400	5.7535	-4.9878	3.9521	109.8707	42.3064	3.95543
13500	5.7548	-4.9913	3.9548	109.9919	42.1139	3.95814
13600	5.7560	-4.9948	3.9573	110.1082	41.9198	3.96056
13700	5.7571	-4.9982	3.9595	110.2200	41.7256	3.96271
13800	5.7583	-5.0016	3.9614	110.3282	41.5310	3.96464
13900	5.7593	-5.0049	3.9632	110.4327	41.3360	3.96638
14000	5.7606	-5.0082	3.9648	110.5541	41.1623	3.96795
14100	5.7615	-5.0115	3.9663	110.6337	40.9495	3.96937
14200	5.7625	-5.0147	3.9676	110.7307	40.7578	3.97067
14300	5.7635	-5.0179	3.9689	110.8257	40.5674	3.97186
14400	5.7645	-5.0210	3.9700	110.9191	40.3788	3.97295
14500	5.7655	-5.0241	3.9711	111.0112	40.1922	3.97397
14600	5.7665	-5.0272	3.9720	111.1019	40.0074	3.97493
14700	5.7675	-5.0303	3.9730	111.1921	39.8248	3.97584
14800	5.7685	-5.0333	3.9739	111.2817	39.6453	3.97671
14900	5.7694	-5.0364	3.9748	111.3707	39.4677	3.97756
15000	5.7704	-5.0394	3.9757	111.4597	39.2934	3.97841

LOG P=-2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-2.1536	1.0000	26.0701	3.4805	1.00000
200	2.8434	-2.4646	1.0000	28.4889	3.4862	1.00000
300	3.0198	-2.6407	1.0000	29.9058	3.4891	1.00000
400	3.1455	-2.7657	1.0000	30.9160	3.4952	1.00000
500	3.2440	-2.8626	1.0000	31.7099	3.5074	1.00000
600	3.3256	-2.9418	1.0000	32.3700	3.5270	1.00000
700	3.3955	-3.0087	1.0000	32.9410	3.5515	1.00000
800	3.4572	-3.0667	1.0000	33.4456	3.5817	1.00000
900	3.5121	-3.1178	1.0000	33.9020	3.6129	1.00000
1000	3.5619	-3.1636	1.0000	34.3171	3.6467	1.00000
1100	3.6071	-3.2050	1.0000	34.6995	3.6791	1.00000
1200	3.6488	-3.2428	1.0000	35.0556	3.7122	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1300	3.6874	-3.2775	1.0000	35.3864	3.7452	1.00000
1400	3.7234	-3.3097	1.0000	35.6969	3.7779	1.00000
1500	3.7570	-3.3400	1.0000	35.9925	3.8103	1.00002
1600	3.7889	-3.3680	1.0001	36.2732	3.8443	1.00007
1700	3.8194	-3.3944	1.0002	36.5437	3.8810	1.00020
1800	3.8489	-3.4194	1.0006	36.8097	3.9235	1.00055
1900	3.8786	-3.4432	1.0013	37.0793	3.9796	1.00134
2000	3.9095	-3.4652	1.0030	37.3651	4.0595	1.00299
2100	3.9432	-3.4887	1.0062	37.6850	4.1784	1.00616
2200	3.9818	-3.5114	1.0118	38.0630	4.3588	1.01180
2300	4.0267	-3.5347	1.0212	38.5269	4.6231	1.02115
2400	4.0788	-3.5592	1.0355	39.1037	4.9955	1.03554
2500	4.1371	-3.5854	1.0559	39.8065	5.4852	1.05591
2600	4.1982	-3.6131	1.0820	40.5184	6.0707	1.08203
2700	4.2565	-3.6411	1.1115	41.4737	6.6849	1.11147
2800	4.3064	-3.6679	1.1400	42.2742	7.2324	1.13999
2900	4.3449	-3.6920	1.1634	42.9332	7.6303	1.16338
3000	4.3726	-3.7128	1.1800	43.4274	7.8612	1.17997
3100	4.3923	-3.7310	1.1907	43.7868	7.9613	1.19066
3200	4.4071	-3.7472	1.1973	44.0584	7.9794	1.19731
3300	4.4192	-3.7521	1.2016	44.2796	7.9554	1.20157
3400	4.4299	-3.7752	1.2045	44.4751	7.9144	1.20454
3500	4.4401	-3.7896	1.2070	44.6605	7.8705	1.20696
3600	4.4504	-3.8027	1.2093	44.8465	7.8355	1.20927
3700	4.4612	-3.8155	1.2119	45.0421	7.8163	1.21188
3800	4.4731	-3.8283	1.2151	45.2557	7.8219	1.21511
3900	4.4864	-3.8410	1.2193	45.4961	7.8588	1.21933
4000	4.5017	-3.8540	1.2250	45.7735	7.9359	1.22495
4100	4.5194	-3.8674	1.2324	46.0996	8.0647	1.23244
4200	4.5400	-3.8814	1.2424	46.4873	8.2558	1.24237
4300	4.5641	-3.8961	1.2554	46.9522	8.5240	1.25538
4400	4.5919	-3.9119	1.2722	47.5089	8.8805	1.27217
4500	4.6237	-3.9289	1.2936	48.1762	9.3437	1.29359
4600	4.6594	-3.9473	1.3204	48.9683	9.9239	1.32037
4700	4.6988	-3.9573	1.3533	49.8999	10.6346	1.35330
4800	4.7413	-3.9890	1.3930	50.9803	11.4825	1.39298
4900	4.7859	-4.0123	1.4396	52.2092	12.4649	1.43961
5000	4.8317	-4.0359	1.4930	53.5803	13.5738	1.49297
5100	4.8765	-4.0622	1.5514	55.0416	14.7544	1.55144
5200	4.9192	-4.0875	1.6131	56.5510	15.9658	1.61313
5300	4.9584	-4.1122	1.6752	58.0446	17.1443	1.67524
5400	4.9929	-4.1354	1.7345	59.4506	18.2201	1.73448
5500	5.0223	-4.1566	1.7882	60.7144	19.1412	1.78817
5600	5.0464	-4.1755	1.8342	61.7959	19.8712	1.83420
5700	5.0657	-4.1921	1.8721	62.6923	20.4106	1.87215
5800	5.0809	-4.2065	1.9022	63.4140	20.7738	1.90222
5900	5.0929	-4.2193	1.9255	63.9888	20.9912	1.92551
6000	5.1023	-4.2305	1.9432	64.4443	21.0924	1.94318
6100	5.1098	-4.2407	1.9565	64.8104	21.1095	1.95655
6200	5.1160	-4.2500	1.9667	65.1107	21.0670	1.95669
6300	5.1212	-4.2587	1.9745	65.3645	20.9843	1.97450
6400	5.1258	-4.2668	1.9807	65.5860	20.8762	1.98066
6500	5.1300	-4.2747	1.9857	65.7869	20.7543	1.98572
6600	5.1340	-4.2823	1.9901	65.9750	20.6266	1.99007
6700	5.1378	-4.2897	1.9940	66.1564	20.4987	1.99399

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6800	5.1416	-4.2969	1.9977	66.3362	20.3757	1.99775
6900	5.1455	-4.3041	2.0015	66.5181	20.2610	2.00152
7000	5.1495	-4.3112	2.0055	66.7055	20.1576	2.00547
7100	5.1538	-4.3183	2.0097	66.9010	20.0679	2.00974
7200	5.1582	-4.3253	2.0144	67.1074	19.9940	2.01445
7300	5.1630	-4.3325	2.0197	67.3269	19.9382	2.01973
7400	5.1681	-4.3396	2.0256	67.5619	19.9022	2.02568
7500	5.1737	-4.3469	2.0324	67.8147	19.8880	2.03242
7600	5.1796	-4.3543	2.0400	68.0877	19.8976	2.04007
7700	5.1861	-4.3518	2.0487	68.3832	19.9327	2.04876
7800	5.1930	-4.3695	2.0585	68.7037	19.9957	2.05850
7900	5.2006	-4.3774	2.0696	69.0517	20.0884	2.06974
8000	5.2087	-4.3855	2.0822	69.4299	20.2133	2.08233
8100	5.2175	-4.3938	2.0963	69.8410	20.3722	2.09648
8200	5.2270	-4.4024	2.1122	70.2876	20.5675	2.11236
8300	5.2372	-4.4113	2.1299	70.7727	20.8020	2.13015
8400	5.2481	-4.4205	2.1497	71.2990	21.0777	2.14999
8500	5.2598	-4.4301	2.1717	71.8694	21.3970	2.17206
8600	5.2722	-4.4400	2.1961	72.4866	21.7618	2.19651
8700	5.2854	-4.4503	2.2230	73.1533	22.1749	2.22352
8800	5.2993	-4.4510	2.2527	73.8722	22.6376	2.25327
8900	5.3140	-4.4722	2.2852	74.6454	23.1523	2.28590
9000	5.3294	-4.4837	2.3208	75.4747	23.7197	2.32153
9100	5.3454	-4.4957	2.3595	76.3621	24.3417	2.36034
9200	5.3620	-4.5081	2.4014	77.3076	25.0175	2.40236
9300	5.3792	-4.5209	2.4466	78.3117	25.7473	2.44759
9400	5.3969	-4.5341	2.4951	79.3739	26.5299	2.49632
9500	5.4149	-4.5476	2.5468	80.4911	27.3620	2.54820
9600	5.4332	-4.5514	2.6017	81.6614	28.2411	2.60325
9700	5.4516	-4.5754	2.6595	82.8797	29.1621	2.66125
9800	5.4701	-4.5897	2.7200	84.1398	30.1184	2.72195
9900	5.4884	-4.6040	2.7829	85.4354	31.1035	2.78504
10000	5.5066	-4.6184	2.8478	86.7580	32.1081	2.85012
10100	5.5244	-4.6327	2.9141	88.0962	33.1212	2.91659
10200	5.5418	-4.6468	2.9813	89.4405	34.1339	2.98395
10300	5.5586	-4.6508	3.0486	90.7774	35.1328	3.05151
10400	5.5746	-4.6744	3.1157	92.0976	36.1087	3.11873
10500	5.5900	-4.6877	3.1816	93.3880	37.0493	3.18488
10600	5.6045	-4.7005	3.2460	94.6390	37.9449	3.24939
10700	5.6181	-4.7128	3.3081	95.8412	38.7868	3.31171
10800	5.6308	-4.7246	3.3676	96.9867	39.5679	3.37132
10900	5.6425	-4.7358	3.4240	98.0685	40.2820	3.42781
11000	5.6534	-4.7464	3.4769	99.0832	40.9261	3.48091
11100	5.6634	-4.7565	3.5264	100.0290	41.4987	3.53044
11200	5.6725	-4.7660	3.5721	100.9041	41.9993	3.57623
11300	5.6807	-4.7749	3.6141	101.7096	42.4296	3.61830
11400	5.6883	-4.7833	3.6525	102.4474	42.7919	3.65671
11500	5.6951	-4.7913	3.6873	103.1215	43.0909	3.69160
11600	5.7012	-4.7987	3.7188	103.7343	43.3296	3.72309
11700	5.7068	-4.8057	3.7471	104.2910	43.5138	3.75143
11800	5.7118	-4.8124	3.7725	104.7954	43.6474	3.77680
11900	5.7164	-4.8186	3.7952	105.2526	43.7354	3.79948
12000	5.7205	-4.8246	3.8154	105.6676	43.7844	3.81971
12100	5.7242	-4.8302	3.8334	106.0434	43.7971	3.83759
12200	5.7276	-4.8356	3.8494	106.3850	43.7782	3.85365

LOG P=-2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12300	5.7307	-4.8407	3.8636	106.6957	43.7314	3.86781
12400	5.7335	-4.8457	3.8761	106.9792	43.6615	3.88035
12500	5.7361	-4.8504	3.8873	107.2387	43.5707	3.89147
12600	5.7385	-4.8550	3.8972	107.4765	43.4615	3.90130
12700	5.7407	-4.8594	3.9059	107.6960	43.3375	3.91001
12800	5.7427	-4.8537	3.9137	107.8986	43.2012	3.91772
12900	5.7446	-4.8678	3.9205	108.0866	43.0535	3.92456
13000	5.7464	-4.8718	3.9266	108.2617	42.8965	3.93060
13100	5.7480	-4.8757	3.9321	108.4254	42.7326	3.93598
13200	5.7496	-4.8796	3.9369	108.5793	42.5621	3.94074
13300	5.7511	-4.8833	3.9412	108.7244	42.3865	3.94498
13400	5.7525	-4.8870	3.9450	108.8617	42.2069	3.94874
13500	5.7538	-4.8906	3.9484	108.9922	42.0245	3.95210
13600	5.7551	-4.8942	3.9514	109.1168	41.8394	3.95509
13700	5.7564	-4.8976	3.9541	109.2359	41.6529	3.95776
13800	5.7576	-4.9011	3.9566	109.3505	41.4650	3.96016
13900	5.7587	-4.9044	3.9588	109.4607	41.2765	3.96231
14000	5.7601	-4.9078	3.9608	109.5870	41.1077	3.96424
14100	5.7609	-4.9111	3.9626	109.6708	40.8997	3.96599
14200	5.7620	-4.9143	3.9642	109.7715	40.7119	3.96757
14300	5.7631	-4.9175	3.9657	109.8696	40.5251	3.96901
14400	5.7641	-4.9207	3.9670	109.9659	40.3395	3.97032
14500	5.7651	-4.9238	3.9683	110.0602	40.1548	3.97153
14600	5.7661	-4.9269	3.9694	110.1527	39.9722	3.97266
14700	5.7671	-4.9300	3.9705	110.2442	39.7917	3.97370
14800	5.7681	-4.9331	3.9715	110.3347	39.6127	3.97469
14900	5.7691	-4.9361	3.9725	110.4243	39.4363	3.97563
15000	5.7701	-4.9391	3.9735	110.5133	39.2623	3.97654

LOG P=-2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-2.0636	1.0000	25.8396	3.4806	1.00000
200	2.8434	-2.3646	1.0000	28.2586	3.4862	1.00000
300	3.0198	-2.5407	1.0000	29.6756	3.4891	1.00000
400	3.1455	-2.6657	1.0000	30.6860	3.4952	1.00000
500	3.2440	-2.7526	1.0000	31.4797	3.5074	1.00000
600	3.3256	-2.8417	1.0000	32.1400	3.5270	1.00000
700	3.3955	-2.9087	1.0000	32.7110	3.5516	1.00000
800	3.4572	-2.9667	1.0000	33.2153	3.5817	1.00000
900	3.5121	-3.0178	1.0000	33.6720	3.6129	1.00000
1000	3.5619	-3.0636	1.0000	34.0865	3.6467	1.00000
1100	3.6071	-3.1050	1.0000	34.4690	3.6791	1.00000
1200	3.6488	-3.1428	1.0000	34.8250	3.7122	1.00000
1300	3.6874	-3.1775	1.0000	35.1562	3.7452	1.00000
1400	3.7234	-3.2097	1.0000	35.4664	3.7779	1.00000
1500	3.7570	-3.2400	1.0000	35.7622	3.8102	1.00002
1600	3.7889	-3.2680	1.0001	36.0426	3.8440	1.00005
1700	3.8193	-3.2944	1.0002	36.3126	3.8802	1.00018
1800	3.8487	-3.3193	1.0005	36.5773	3.9214	1.00049
1900	3.8781	-3.3431	1.0012	36.8441	3.9749	1.00120
2000	3.9084	-3.3660	1.0027	37.1243	4.0497	1.00266
2100	3.9412	-3.3884	1.0055	37.4341	4.1591	1.00550
2200	3.9783	-3.4108	1.0105	37.7952	4.3239	1.01055
2300	4.0211	-3.4337	1.0189	38.2335	4.5645	1.01895

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2400	4.0708	-3.4577	1.0320	38.7746	4.9044	1.03196
2500	4.1268	-3.4832	1.0506	39.4344	5.3556	1.05059
2600	4.1862	-3.5102	1.0750	40.2049	5.9056	1.07496
2700	4.2444	-3.5379	1.1033	41.0351	6.5013	1.10327
2800	4.2959	-3.5648	1.1319	41.8390	7.0589	1.13189
2900	4.3369	-3.5894	1.1566	42.5268	7.4911	1.15659
3000	4.3672	-3.6110	1.1750	43.0582	7.7631	1.17495
3100	4.3888	-3.6297	1.1872	43.4487	7.8970	1.18720
3200	4.4048	-3.6464	1.1950	43.7413	7.9377	1.19497
3300	4.4176	-3.6615	1.1999	43.9748	7.9270	1.19994
3400	4.4287	-3.6757	1.2033	44.1764	7.8929	1.20332
3500	4.4390	-3.6892	1.2059	44.3637	7.8516	1.20594
3600	4.4493	-3.7023	1.2083	44.5483	7.8158	1.20832
3700	4.4599	-3.7151	1.2109	44.7394	7.7926	1.21086
3800	4.4714	-3.7278	1.2139	44.9452	7.7911	1.21398
3900	4.4841	-3.7405	1.2178	45.1739	7.8172	1.21776
4000	4.4985	-3.7533	1.2229	45.4350	7.8792	1.22286
4100	4.5152	-3.7664	1.2296	45.7390	7.9876	1.22960
4200	4.5345	-3.7800	1.2385	46.0977	8.1517	1.23852
4300	4.5570	-3.7943	1.2502	46.5253	8.3853	1.25019
4400	4.5829	-3.8095	1.2652	47.0349	8.6984	1.26524
4500	4.6126	-3.8258	1.2845	47.6440	9.1082	1.28447
4600	4.6461	-3.8434	1.3086	48.3664	9.6247	1.30856
4700	4.6833	-3.8625	1.3383	49.2168	10.2614	1.33828
4800	4.7237	-3.8832	1.3743	50.2064	11.0272	1.37431
4900	4.7666	-3.9054	1.4170	51.3389	11.9235	1.41698
5000	4.8112	-3.9291	1.4664	52.6153	12.9495	1.46637
5100	4.8556	-3.9536	1.5213	53.9940	14.0607	1.52133
5200	4.8986	-3.9787	1.5805	55.4450	15.2278	1.58051
5300	4.9390	-4.0034	1.6416	56.9148	16.3969	1.64161
5400	4.9755	-4.0271	1.7016	58.3366	17.5019	1.70159
5500	5.0072	-4.0492	1.7577	59.6512	18.4863	1.75758
5600	5.0339	-4.0591	1.8073	60.8079	19.3024	1.80729
5700	5.0556	-4.0858	1.8494	61.7906	19.9377	1.84940
5800	5.0729	-4.1023	1.8837	62.5976	20.3937	1.88356
5900	5.0867	-4.1159	1.9107	63.2487	20.6930	1.91075
6000	5.0975	-4.1279	1.9316	63.7672	20.8615	1.93162
6100	5.1061	-4.1387	1.9475	64.1827	20.9315	1.94755
6200	5.1131	-4.1484	1.9597	64.5204	20.9297	1.95968
6300	5.1190	-4.1574	1.9690	64.8016	20.8755	1.96898
6400	5.1240	-4.1659	1.9762	65.0423	20.7879	1.97623
6500	5.1285	-4.1739	1.9821	65.2561	20.6803	1.98206
6600	5.1326	-4.1816	1.9869	65.4519	20.5612	1.98693
6700	5.1365	-4.1890	1.9912	65.6371	20.4381	1.99117
6800	5.1404	-4.1963	1.9951	65.8174	20.3166	1.99509
6900	5.1442	-4.2035	1.9989	65.9970	20.2004	1.99887
7000	5.1481	-4.2106	2.0027	66.1796	20.0930	2.00272
7100	5.1522	-4.2176	2.0068	66.3679	19.9969	2.00678
7200	5.1565	-4.2246	2.0112	66.5647	19.9147	2.01118
7300	5.1610	-4.2317	2.0160	66.7725	19.8484	2.01603
7400	5.1659	-4.2387	2.0214	66.9935	19.7997	2.02145
7500	5.1711	-4.2459	2.0275	67.2297	19.7704	2.02755
7600	5.1767	-4.2531	2.0344	67.4836	19.7624	2.03444
7700	5.1827	-4.2604	2.0422	67.7572	19.7777	2.04224
7800	5.1892	-4.2679	2.0510	68.0529	19.8181	2.05107

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7900	5.1962	-4.2755	2.0609	68.3728	19.8852	2.06104
8000	5.2037	-4.2834	2.0721	68.7197	19.9813	2.07229
8100	5.2119	-4.2914	2.0848	69.0956	20.1082	2.08494
8200	5.2206	-4.2997	2.0989	69.5033	20.2683	2.09913
8300	5.2301	-4.3082	2.1148	69.9452	20.4634	2.11503
8400	5.2402	-4.3170	2.1325	70.4241	20.6959	2.13276
8500	5.2510	-4.3261	2.1522	70.9424	20.9678	2.15249
8600	5.2625	-4.3356	2.1740	71.5028	21.2811	2.17437
8700	5.2747	-4.3454	2.1981	72.1079	21.6383	2.19855
8800	5.2877	-4.3556	2.2247	72.7603	22.0410	2.22522
8900	5.3014	-4.3662	2.2539	73.4619	22.4910	2.25449
9000	5.3158	-4.3771	2.2858	74.2149	22.9899	2.28652
9100	5.3308	-4.3885	2.3206	75.0215	23.5396	2.32147
9200	5.3465	-4.4003	2.3585	75.8822	24.1398	2.35940
9300	5.3628	-4.4124	2.3994	76.7982	24.7915	2.40043
9400	5.3796	-4.4250	2.4434	77.7697	25.4942	2.44462
9500	5.3968	-4.4379	2.4906	78.7953	26.2460	2.49194
9600	5.4144	-4.4511	2.5409	79.8738	27.0455	2.54240
9700	5.4322	-4.4646	2.5942	81.0023	27.8893	2.59587
9800	5.4502	-4.4784	2.6503	82.1762	28.7727	2.65219
9900	5.4683	-4.4923	2.7091	83.3912	29.6908	2.71115
10000	5.4862	-4.5064	2.7702	84.6405	30.6368	2.77243
10100	5.5040	-4.5204	2.8331	85.9149	31.6015	2.83560
10200	5.5215	-4.5345	2.8976	87.2075	32.5778	2.90028
10300	5.5386	-4.5484	2.9630	88.5062	33.5538	2.96585
10400	5.5551	-4.5622	3.0288	89.8027	34.5217	3.03186
10500	5.5710	-4.5756	3.0943	91.0848	35.4691	3.09763
10600	5.5862	-4.5887	3.1591	92.3427	36.3866	3.16261
10700	5.6007	-4.6014	3.2225	93.5667	37.2647	3.22623
10800	5.6143	-4.6137	3.2841	94.7473	38.0948	3.28791
10900	5.6270	-4.6254	3.3431	95.8761	38.8688	3.34714
11000	5.6389	-4.6367	3.3994	96.9474	39.5820	3.40356
11100	5.6499	-4.6473	3.4526	97.9576	40.2311	3.45688
11200	5.6600	-4.6574	3.5024	98.9023	40.8124	3.50681
11300	5.6693	-4.6670	3.5488	99.7808	41.3260	3.55324
11400	5.6779	-4.6761	3.5916	100.5932	41.7725	3.59614
11500	5.6855	-4.6846	3.6309	101.3416	42.1543	3.63553
11600	5.6926	-4.6926	3.6668	102.0271	42.4736	3.67145
11700	5.6990	-4.7002	3.6994	102.6542	42.7348	3.70410
11800	5.7048	-4.7073	3.7289	103.2250	42.9413	3.73359
11900	5.7100	-4.7141	3.7555	103.7450	43.0980	3.76017
12000	5.7148	-4.7205	3.7793	104.2180	43.2097	3.78404
12100	5.7191	-4.7265	3.8007	104.6473	43.2800	3.80539
12200	5.7230	-4.7323	3.8198	105.0378	43.3141	3.82448
12300	5.7266	-4.7377	3.8368	105.3931	43.3157	3.84149
12400	5.7298	-4.7430	3.8520	105.7169	43.2888	3.85663
12500	5.7328	-4.7480	3.8655	106.0127	43.2371	3.87010
12600	5.7355	-4.7528	3.8775	106.2832	43.1633	3.88207
12700	5.7380	-4.7574	3.8882	106.5319	43.0709	3.89271
12800	5.7403	-4.7619	3.8976	106.7605	42.9621	3.90215
12900	5.7424	-4.7652	3.9061	106.9719	42.8400	3.91054
13000	5.7444	-4.7704	3.9136	107.1678	42.7054	3.91798
13100	5.7463	-4.7744	3.9202	107.3500	42.5608	3.92460
13200	5.7480	-4.7784	3.9262	107.5203	42.4081	3.93049
13300	5.7497	-4.7823	3.9315	107.6799	42.2484	3.93573

LOG P=-2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13400	5.7512	-4.7860	3.9362	107.8302	42.0828	3.94039
13500	5.7527	-4.7897	3.9404	107.9723	41.9126	3.94455
13600	5.7541	-4.7934	3.9442	108.1072	41.7387	3.94827
13700	5.7554	-4.7969	3.9475	108.2353	41.5615	3.95158
13800	5.7567	-4.8004	3.9506	108.3580	41.3831	3.95456
13900	5.7579	-4.8038	3.9533	108.4753	41.2017	3.95721
14000	5.7593	-4.8072	3.9557	108.6079	41.0400	3.95961
14100	5.7603	-4.8105	3.9579	108.6973	40.8380	3.96177
14200	5.7614	-4.8138	3.9599	108.8029	40.6553	3.96372
14300	5.7625	-4.8171	3.9617	108.9053	40.4733	3.96548
14400	5.7636	-4.8203	3.9634	109.0053	40.2919	3.96708
14500	5.7646	-4.8235	3.9649	109.1027	40.1111	3.96854
14600	5.7657	-4.8266	3.9663	109.1978	39.9310	3.96989
14700	5.7667	-4.8297	3.9676	109.2916	39.7531	3.97113
14800	5.7677	-4.8328	3.9688	109.3838	39.5763	3.97229
14900	5.7687	-4.8358	3.9699	109.4746	39.4014	3.97336
15000	5.7697	-4.8388	3.9710	109.5645	39.2280	3.97439

LOG P=-2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-1.9636	1.0000	25.6092	3.4805	1.00000
200	2.8434	-2.2546	1.0000	28.0286	3.4862	1.00000
300	3.0198	-2.4407	1.0000	29.4457	3.4891	1.00000
400	3.1455	-2.5657	1.0000	30.4558	3.4952	1.00000
500	3.2440	-2.6626	1.0000	31.2492	3.5074	1.00000
600	3.3256	-2.7417	1.0000	31.9097	3.5270	1.00000
700	3.3955	-2.8087	1.0000	32.4810	3.5516	1.00000
800	3.4572	-2.8567	1.0000	32.9854	3.5817	1.00000
900	3.5121	-2.9178	1.0000	33.4416	3.6129	1.00000
1000	3.5619	-2.9636	1.0000	33.8562	3.6467	1.00000
1100	3.6071	-3.0050	1.0000	34.2385	3.6791	1.00000
1200	3.6488	-3.0428	1.0000	34.5945	3.7122	1.00000
1300	3.6874	-3.0775	1.0000	34.9258	3.7452	1.00000
1400	3.7234	-3.1097	1.0000	35.2363	3.7779	1.00000
1500	3.7570	-3.1400	1.0000	35.5318	3.8101	1.00002
1600	3.7889	-3.1580	1.0000	35.8121	3.8438	1.00005
1700	3.8192	-3.1944	1.0002	36.0816	3.8795	1.00016
1800	3.8485	-3.2193	1.0004	36.3451	3.9196	1.00044
1900	3.8776	-3.2431	1.0011	36.6094	3.9708	1.00106
2000	3.9075	-3.2659	1.0024	36.8846	4.0408	1.00237
2100	3.9394	-3.2882	1.0049	37.1854	4.1418	1.00490
2200	3.9751	-3.3103	1.0094	37.5314	4.2926	1.00942
2300	4.0161	-3.3329	1.0170	37.9463	4.5117	1.01696
2400	4.0634	-3.3564	1.0287	38.4546	4.8216	1.02871
2500	4.1170	-3.3812	1.0457	39.0738	5.2364	1.04570
2600	4.1746	-3.4075	1.0683	39.8025	5.7499	1.06829
2700	4.2322	-3.4347	1.0953	40.6029	6.3223	1.09527
2800	4.2848	-3.4516	1.1236	41.4020	6.8815	1.12363
2900	4.3282	-3.4867	1.1493	42.1114	7.3411	1.14930
3000	4.3609	-3.5089	1.1693	42.6779	7.6528	1.16933
3100	4.3847	-3.5283	1.1832	43.1013	7.8225	1.18322
3200	4.4022	-3.5454	1.1922	43.4176	7.8889	1.19224
3300	4.4158	-3.5608	1.1980	43.6658	7.8942	1.19803
3400	4.4274	-3.5752	1.2019	43.8754	7.8688	1.20193

LOG P=-2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	4.4379	-3.5888	1.2048	44.0659	7.8313	1.20482
3600	4.4482	-3.6020	1.2073	44.2503	7.7958	1.20731
3700	4.4586	-3.6148	1.2098	44.4379	7.7697	1.20982
3800	4.4698	-3.6274	1.2127	44.6371	7.7624	1.21270
3900	4.4820	-3.6400	1.2163	44.8557	7.7793	1.21628
4000	4.4957	-3.6526	1.2209	45.1024	7.8280	1.22092
4100	4.5114	-3.6655	1.2270	45.3868	7.9182	1.22702
4200	4.5295	-3.6788	1.2350	45.7196	8.0585	1.23503
4300	4.5505	-3.6927	1.2455	46.1136	8.2611	1.24551
4400	4.5747	-3.7073	1.2590	46.5810	8.5353	1.25901
4500	4.6024	-3.7230	1.2763	47.1377	8.8967	1.27625
4600	4.6338	-3.7399	1.2979	47.7968	9.3552	1.29790
4700	4.6688	-3.7581	1.3247	48.5728	9.9239	1.32469
4800	4.7071	-3.7778	1.3573	49.4777	10.6129	1.35730
4900	4.7481	-3.7990	1.3962	50.5181	11.4264	1.39619
5000	4.7913	-3.8217	1.4416	51.7003	12.3694	1.44165
5100	4.8349	-3.8455	1.4929	52.9921	13.4058	1.49290
5200	4.8779	-3.8699	1.5491	54.3734	14.5162	1.54907
5300	4.9190	-3.8945	1.6083	55.8012	15.6570	1.60834
5400	4.9569	-3.9185	1.6681	57.2164	16.7692	1.66807
5500	4.9907	-3.9412	1.7256	58.5615	17.7974	1.72562
5600	5.0197	-3.9620	1.7781	59.7788	18.6862	1.77813
5700	5.0439	-3.9808	1.8241	60.8407	19.4104	1.82406
5800	5.0636	-3.9974	1.8625	61.7323	19.9594	1.86247
5900	5.0793	-4.0120	1.8935	62.4633	20.3454	1.89355
6000	5.0918	-4.0248	1.9179	63.0510	20.5884	1.91793
6100	5.1017	-4.0363	1.9368	63.5232	20.7191	1.93678
6200	5.1097	-4.0466	1.9513	63.9051	20.7638	1.95125
6300	5.1163	-4.0550	1.9624	64.2196	20.7462	1.96236
6400	5.1218	-4.0647	1.9710	64.4846	20.6848	1.97095
6500	5.1267	-4.0729	1.9778	64.7153	20.5955	1.97778
6600	5.1311	-4.0808	1.9833	64.9224	20.4890	1.98334
6700	5.1351	-4.0884	1.9880	65.1142	20.3734	1.98804
6800	5.1391	-4.0957	1.9922	65.2973	20.2556	1.99224
6900	5.1429	-4.1029	1.9961	65.4766	20.1401	1.99615
7000	5.1468	-4.1100	2.0000	65.6562	20.0306	1.99999
7100	5.1508	-4.1170	2.0039	65.8391	19.9301	2.00391
7200	5.1549	-4.1240	2.0080	66.0283	19.8413	2.00807
7300	5.1592	-4.1309	2.0126	66.2262	19.7659	2.01258
7400	5.1638	-4.1379	2.0175	66.4351	19.7063	2.01756
7500	5.1687	-4.1449	2.0231	66.6569	19.6640	2.02311
7600	5.1740	-4.1520	2.0293	66.8941	19.6408	2.02935
7700	5.1796	-4.1592	2.0363	67.1485	19.6385	2.03637
7800	5.1857	-4.1665	2.0442	67.4222	19.6588	2.04431
7900	5.1922	-4.1739	2.0531	67.7173	19.7030	2.05324
8000	5.1992	-4.1815	2.0632	68.0363	19.7738	2.06331
8100	5.2067	-4.1892	2.0745	68.3809	19.8721	2.07462
8200	5.2149	-4.1972	2.0871	68.7538	20.0006	2.08731
8300	5.2236	-4.2054	2.1013	69.1573	20.1608	2.10152
8400	5.2329	-4.2139	2.1171	69.5937	20.3547	2.11737
8500	5.2430	-4.2226	2.1347	70.0654	20.5842	2.13500
8600	5.2536	-4.2316	2.1542	70.5747	20.8511	2.15456
8700	5.2650	-4.2410	2.1758	71.1243	21.1581	2.17620
8800	5.2771	-4.2507	2.1996	71.7165	21.5066	2.20008
8900	5.2898	-4.2607	2.2257	72.3531	21.8981	2.22632

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	5.3032	-4.2711	2.2544	73.0367	22.3346	2.25506
9100	5.3173	-4.2819	2.2857	73.7693	22.8179	2.28648
9200	5.3320	-4.2931	2.3197	74.5519	23.3483	2.32064
9300	5.3474	-4.3046	2.3566	75.3858	23.9267	2.35767
9400	5.3632	-4.3166	2.3965	76.2721	24.5537	2.39767
9500	5.3796	-4.3289	2.4393	77.2101	25.2283	2.44065
9600	5.3964	-4.3415	2.4852	78.1998	25.9501	2.48665
9700	5.4136	-4.3544	2.5340	79.2391	26.7165	2.53563
9800	5.4310	-4.3676	2.5856	80.3255	27.5249	2.58748
9900	5.4485	-4.3811	2.6401	81.4559	28.3715	2.64210
10000	5.4662	-4.3947	2.6970	82.6256	29.2515	2.69926
10100	5.4837	-4.4085	2.7562	83.8275	30.1581	2.75866
10200	5.5012	-4.4223	2.8174	85.0569	31.0859	2.82003
10300	5.5183	-4.4361	2.8799	86.3030	32.0239	2.88284
10400	5.5351	-4.4498	2.9436	87.5593	32.9661	2.94673
10500	5.5514	-4.4633	3.0078	88.8148	33.9012	3.01112
10600	5.5671	-4.4766	3.0719	90.0600	34.8205	3.07547
10700	5.5822	-4.4895	3.1355	91.2852	35.7146	3.13924
10800	5.5965	-4.5021	3.1979	92.4813	36.5743	3.20188
10900	5.6102	-4.5143	3.2587	93.6387	37.3910	3.26292
11000	5.6230	-4.5250	3.3173	94.7505	38.1581	3.32164
11100	5.6349	-4.5373	3.3735	95.8113	38.8703	3.37798
11200	5.6461	-4.5480	3.4268	96.8150	39.5226	3.43142
11300	5.6564	-4.5531	3.4770	97.7586	40.1124	3.48176
11400	5.6658	-4.5578	3.5240	98.6404	40.6381	3.52883
11500	5.6746	-4.5769	3.5676	99.4604	41.1014	3.57257
11600	5.6825	-4.5856	3.6079	100.2181	41.5012	3.61290
11700	5.6898	-4.5937	3.6449	100.9163	41.8419	3.64992
11800	5.6964	-4.6014	3.6786	101.5562	42.1243	3.68368
11900	5.7024	-4.6087	3.7093	102.1422	42.3544	3.71437
12000	5.7079	-4.6156	3.7370	102.6775	42.5345	3.74217
12100	5.7129	-4.6221	3.7621	103.1653	42.6685	3.76721
12200	5.7174	-4.6282	3.7846	103.6102	42.7619	3.78975
12300	5.7215	-4.6341	3.8048	104.0157	42.8179	3.80998
12400	5.7253	-4.6397	3.8230	104.3852	42.8411	3.82808
12500	5.7287	-4.6450	3.8392	104.7230	42.8345	3.84428
12600	5.7318	-4.6501	3.8537	105.0315	42.8019	3.85873
12700	5.7347	-4.6550	3.8666	105.3144	42.7466	3.87163
12800	5.7373	-4.6597	3.8781	105.5740	42.6710	3.88312
12900	5.7398	-4.6642	3.8884	105.8132	42.5786	3.89336
13000	5.7420	-4.6686	3.8976	106.0340	42.4708	3.90249
13100	5.7441	-4.6728	3.9058	106.2384	42.3508	3.91062
13200	5.7461	-4.6770	3.9131	106.4287	42.2196	3.91787
13300	5.7479	-4.6809	3.9196	106.6062	42.0786	3.92432
13400	5.7496	-4.6848	3.9254	106.7724	41.9303	3.93009
13500	5.7513	-4.6886	3.9306	106.9285	41.7751	3.93524
13600	5.7528	-4.6924	3.9353	107.0761	41.6149	3.93983
13700	5.7542	-4.6960	3.9394	107.2155	41.4500	3.94394
13800	5.7556	-4.6996	3.9432	107.3481	41.2817	3.94763
13900	5.7570	-4.7031	3.9465	107.4743	41.1107	3.95092
14000	5.7585	-4.7065	3.9495	107.6147	40.9572	3.95389
14100	5.7595	-4.7099	3.9523	107.7112	40.7628	3.95656
14200	5.7607	-4.7133	3.9547	107.8229	40.5870	3.95896
14300	5.7618	-4.7165	3.9569	107.9306	40.4105	3.96113
14400	5.7630	-4.7198	3.9590	108.0354	40.2340	3.96310

LOG P=-2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	5.7641	-4.7230	3.9608	108.1369	40.0577	3.96488
14600	5.7651	-4.7262	3.9625	108.2358	39.8819	3.96652
14700	5.7662	-4.7293	3.9640	108.3325	39.7068	3.96801
14800	5.7672	-4.7324	3.9654	108.4273	39.5329	3.96939
14900	5.7682	-4.7355	3.9668	108.5203	39.3605	3.97066
15000	5.7693	-4.7395	3.9680	108.6118	39.1893	3.97185

LOG P=-2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-1.8636	1.0000	25.3793	3.4805	1.00000
200	2.8434	-2.1546	1.0000	27.7984	3.4862	1.00000
300	3.0198	-2.3407	1.0000	29.2153	3.4891	1.00000
400	3.1455	-2.4657	1.0000	30.2253	3.4952	1.00000
500	3.2440	-2.5626	1.0000	31.0188	3.5074	1.00000
600	3.3256	-2.6418	1.0000	31.6792	3.5270	1.00000
700	3.3955	-2.7087	1.0000	32.2506	3.5516	1.00000
800	3.4572	-2.7667	1.0000	32.7552	3.5817	1.00000
900	3.5121	-2.8178	1.0000	33.2111	3.6129	1.00000
1000	3.5619	-2.8636	1.0000	33.6263	3.6467	1.00000
1100	3.6071	-2.9050	1.0000	34.0084	3.6791	1.00000
1200	3.6488	-2.9428	1.0000	34.3643	3.7122	1.00000
1300	3.6874	-2.9775	1.0000	34.6952	3.7452	1.00000
1400	3.7234	-3.0097	1.0000	35.0064	3.7779	1.00000
1500	3.7570	-3.0400	1.0000	35.3015	3.8100	1.00001
1600	3.7889	-3.0680	1.0000	35.5816	3.8436	1.00004
1700	3.8192	-3.0944	1.0001	35.8507	3.8788	1.00014
1800	3.8483	-3.1193	1.0004	36.1131	3.9180	1.00039
1900	3.8772	-3.1430	1.0009	36.3752	3.9670	1.00095
2000	3.9067	-3.1658	1.0021	36.6459	4.0329	1.00211
2100	3.9378	-3.1880	1.0044	36.9386	4.1264	1.00437
2200	3.9723	-3.2099	1.0084	37.2711	4.2646	1.00841
2300	4.0115	-3.2321	1.0152	37.6649	4.4643	1.01517
2400	4.0566	-3.2551	1.0258	38.1432	4.7468	1.02576
2500	4.1078	-3.2793	1.0412	38.7243	5.1272	1.04122
2600	4.1635	-3.3050	1.0621	39.4119	5.6046	1.06207
2700	4.2202	-3.3317	1.0876	40.1789	6.1496	1.08757
2800	4.2734	-3.3584	1.1153	40.9656	6.7030	1.11533
2900	4.3187	-3.3838	1.1416	41.6892	7.1826	1.14160
3000	4.3540	-3.4066	1.1631	42.2873	7.5306	1.16313
3100	4.3800	-3.4266	1.1787	42.7441	7.7373	1.17868
3200	4.3990	-3.4442	1.1891	43.0866	7.8321	1.18907
3300	4.4137	-3.4600	1.1958	43.3520	7.8559	1.19582
3400	4.4259	-3.4746	1.2003	43.5714	7.8415	1.20032
3500	4.4367	-3.4884	1.2036	43.7667	7.8094	1.20356
3600	4.4470	-3.5016	1.2062	43.9518	7.7753	1.20622
3700	4.4574	-3.5144	1.2088	44.1371	7.7475	1.20876
3800	4.4683	-3.5270	1.2115	44.3310	7.7354	1.21153
3900	4.4800	-3.5394	1.2149	44.5409	7.7443	1.21488
4000	4.4931	-3.5520	1.2191	44.7749	7.7814	1.21913
4100	4.5080	-3.5647	1.2246	45.0420	7.8556	1.22465
4200	4.5250	-3.5777	1.2319	45.3518	7.9746	1.23186
4300	4.5446	-3.5912	1.2413	45.7159	8.1496	1.24128
4400	4.5672	-3.6054	1.2534	46.1454	8.3889	1.25339
4500	4.5931	-3.6205	1.2689	46.6550	8.7069	1.26886

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.6224	-3.6366	1.2983	47.2568	9.1129	1.28831
4700	4.6553	-3.6540	1.3124	47.9648	9.6196	1.31242
4800	4.6914	-3.6728	1.3419	48.7914	10.2374	1.34188
4900	4.7305	-3.6931	1.3772	49.7451	10.9728	1.37721
5000	4.7721	-3.7148	1.4188	50.8360	11.8342	1.41883
5100	4.8145	-3.7376	1.4663	52.0383	12.7928	1.46628
5200	4.8571	-3.7614	1.5191	53.3415	13.8377	1.51906
5300	4.8985	-3.7856	1.5758	54.7124	14.9352	1.57584
5400	4.9375	-3.8096	1.6345	56.1018	16.0353	1.63445
5500	4.9730	-3.8327	1.6925	57.4565	17.0862	1.69249
5600	5.0042	-3.8543	1.7470	58.7162	18.0294	1.74703
5700	5.0308	-3.8741	1.7962	59.8448	18.8316	1.79620
5800	5.0528	-3.8917	1.8385	60.8159	19.4693	1.83852
5900	5.0707	-3.9074	1.8737	61.6284	19.9445	1.87367
6000	5.0850	-3.9212	1.9018	62.2907	20.2682	1.90183
6100	5.0964	-3.9334	1.9240	62.8266	20.4673	1.92397
6200	5.1056	-3.9443	1.9411	63.2600	20.5669	1.94114
6300	5.1130	-3.9542	1.9544	63.6143	20.5915	1.95439
6400	5.1193	-3.9633	1.9646	63.9090	20.5624	1.96462
6500	5.1246	-3.9718	1.9727	64.1614	20.4963	1.97268
6600	5.1293	-3.9799	1.9791	64.3835	20.4062	1.97914
6700	5.1336	-3.9876	1.9845	64.5850	20.3016	1.98447
6800	5.1377	-3.9950	1.9891	64.7737	20.1904	1.98908
6900	5.1416	-4.0023	1.9932	64.9550	20.0777	1.99324
7000	5.1454	-4.0094	1.9972	65.1339	19.9684	1.99717
7100	5.1494	-4.0154	2.0010	65.3133	19.8651	2.00106
7200	5.1534	-4.0233	2.0050	65.4967	19.7716	2.00507
7300	5.1576	-4.0302	2.0093	65.6866	19.6893	2.00932
7400	5.1619	-4.0371	2.0139	65.8853	19.6206	2.01394
7500	5.1666	-4.0441	2.0190	66.0949	19.5673	2.01903
7600	5.1715	-4.0510	2.0247	66.3174	19.5310	2.02471
7700	5.1768	-4.0581	2.0310	66.5549	19.5131	2.03106
7800	5.1825	-4.0652	2.0381	66.8092	19.5158	2.03821
7900	5.1886	-4.0724	2.0461	67.0823	19.5402	2.04623
8000	5.1951	-4.0798	2.0551	67.3764	19.5882	2.05525
8100	5.2021	-4.0873	2.0652	67.6933	19.6613	2.06538
8200	5.2096	-4.0950	2.0766	68.0353	19.7615	2.07673
8300	5.2177	-4.1029	2.0892	68.4043	19.8902	2.08943
8400	5.2264	-4.1110	2.1033	68.8028	20.0497	2.10360
8500	5.2357	-4.1194	2.1191	69.2327	20.2412	2.11936
8600	5.2456	-4.1281	2.1365	69.6963	20.4668	2.13685
8700	5.2561	-4.1370	2.1558	70.1960	20.7285	2.15620
8800	5.2673	-4.1462	2.1771	70.7340	21.0279	2.17756
8900	5.2791	-4.1558	2.2005	71.3121	21.3664	2.20106
9000	5.2916	-4.1657	2.2262	71.9327	21.7463	2.22683
9100	5.3048	-4.1759	2.2543	72.5979	22.1688	2.25503
9200	5.3186	-4.1865	2.2849	73.3089	22.6349	2.28573
9300	5.3330	-4.1975	2.3181	74.0671	23.1458	2.31908
9400	5.3479	-4.2088	2.3541	74.8742	23.7024	2.35519
9500	5.3634	-4.2205	2.3928	75.7299	24.3041	2.39408
9600	5.3794	-4.2325	2.4344	76.6352	24.9519	2.43585
9700	5.3957	-4.2449	2.4789	77.5887	25.6430	2.48049
9800	5.4125	-4.2576	2.5262	78.5892	26.3770	2.52798
9900	5.4294	-4.2705	2.5763	79.6349	27.1508	2.57824
10000	5.4466	-4.2836	2.6290	80.7226	27.9615	2.63116

LOG P=-2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10100	5.4638	-4.2970	2.6841	81.8468	28.8033	2.68649
10200	5.4810	-4.3104	2.7415	83.0044	29.6729	2.74409
10300	5.4980	-4.3239	2.8007	84.1865	30.5612	2.80352
10400	5.5148	-4.3375	2.8614	85.3884	31.4633	2.86452
10500	5.5313	-4.3509	2.9233	86.6009	32.3703	2.92663
10600	5.5474	-4.3642	2.9858	87.8155	33.2737	2.98936
10700	5.5630	-4.3773	3.0485	89.0233	34.1651	3.05224
10800	5.5779	-4.3901	3.1107	90.2156	35.0357	3.11475
10900	5.5922	-4.4026	3.1721	91.3827	35.8761	3.17634
11000	5.6058	-4.4147	3.2321	92.5172	36.6794	3.23653
11100	5.6186	-4.4264	3.2903	93.6121	37.4386	3.29492
11200	5.6307	-4.4376	3.3462	94.6600	38.1475	3.35103
11300	5.6419	-4.4484	3.3996	95.6563	38.8021	3.40454
11400	5.6524	-4.4586	3.4501	96.5974	39.3985	3.45520
11500	5.6621	-4.4683	3.4976	97.4817	39.9366	3.50284
11600	5.6710	-4.4776	3.5420	98.3065	40.4133	3.54728
11700	5.6792	-4.4863	3.5832	99.0736	40.8320	3.58855
11800	5.6867	-4.4946	3.6211	99.7823	41.1918	3.62658
11900	5.6936	-4.5024	3.6560	100.4363	41.4969	3.66152
12000	5.6998	-4.5098	3.6879	101.0375	41.7497	3.69345
12100	5.7056	-4.5168	3.7169	101.5881	41.9530	3.72246
12200	5.7108	-4.5235	3.7432	102.0924	42.1113	3.74879
12300	5.7155	-4.5298	3.7670	102.5533	42.2279	3.77257
12400	5.7198	-4.5357	3.7884	102.9743	42.3065	3.79400
12500	5.7238	-4.5414	3.8077	103.3596	42.3516	3.81328
12600	5.7274	-4.5459	3.8250	103.7116	42.3663	3.83059
12700	5.7307	-4.5521	3.8406	104.0343	42.3539	3.84610
12800	5.7337	-4.5570	3.8545	104.3299	42.3176	3.85999
12900	5.7365	-4.5618	3.8670	104.6018	42.2601	3.87242
13000	5.7391	-4.5664	3.8781	104.8521	42.1842	3.88353
13100	5.7415	-4.5709	3.8881	105.0830	42.0925	3.89345
13200	5.7437	-4.5752	3.8970	105.2971	41.9868	3.90232
13300	5.7457	-4.5793	3.9050	105.4960	41.8690	3.91025
13400	5.7477	-4.5834	3.9121	105.6814	41.7413	3.91733
13500	5.7495	-4.5873	3.9185	105.8547	41.6050	3.92369
13600	5.7512	-4.5912	3.9243	106.0177	41.4612	3.92936
13700	5.7528	-4.5949	3.9294	106.1708	41.3111	3.93443
13800	5.7543	-4.5986	3.9340	106.3156	41.1560	3.93899
13900	5.7558	-4.6022	3.9381	106.4529	40.9970	3.94308
14000	5.7574	-4.6057	3.9419	106.6030	40.8535	3.94675
14100	5.7585	-4.6091	3.9452	106.7083	40.6690	3.95005
14200	5.7598	-4.6125	3.9483	106.8279	40.5019	3.95303
14300	5.7610	-4.6159	3.9510	106.9425	40.3327	3.95572
14400	5.7622	-4.6192	3.9535	107.0534	40.1629	3.95814
14500	5.7633	-4.6225	3.9558	107.1603	39.9923	3.96034
14600	5.7645	-4.6257	3.9578	107.2640	39.8220	3.96235
14700	5.7656	-4.6288	3.9597	107.3649	39.6520	3.96417
14800	5.7667	-4.6320	3.9614	107.4633	39.4816	3.96584
14900	5.7677	-4.6351	3.9630	107.5593	39.3124	3.96738
15000	5.7688	-4.6381	3.9645	107.6535	39.1443	3.96879

LOG P=-2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-1.7636	1.0000	25.1491	3.4806	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8434	-2.0646	1.0000	27.5679	3.4862	1.00000
300	3.0198	-2.2407	1.0000	28.9848	3.4891	1.00000
400	3.1455	-2.3556	1.0000	29.9949	3.4952	1.00000
500	3.2440	-2.4626	1.0000	30.7889	3.5074	1.00000
600	3.3256	-2.5417	1.0000	31.4489	3.5270	1.00000
700	3.3955	-2.6087	1.0000	32.0200	3.5515	1.00000
800	3.4572	-2.6667	1.0000	32.5246	3.5817	1.00000
900	3.5121	-2.7178	1.0000	32.9810	3.6129	1.00000
1000	3.5519	-2.7636	1.0000	33.3961	3.6467	1.00000
1100	3.6071	-2.8050	1.0000	33.7785	3.6791	1.00000
1200	3.6488	-2.8428	1.0000	34.1343	3.7122	1.00000
1300	3.6874	-2.8775	1.0000	34.4646	3.7452	1.00000
1400	3.7234	-2.9097	1.0000	34.7759	3.7779	1.00000
1500	3.7570	-2.9400	1.0000	35.0712	3.8100	1.00001
1600	3.7888	-2.9680	1.0000	35.3512	3.8434	1.00004
1700	3.8191	-2.9944	1.0001	35.6199	3.8783	1.00013
1800	3.8482	-3.0193	1.0003	35.8813	3.9166	1.00035
1900	3.8769	-3.0430	1.0008	36.1414	3.9637	1.00085
2000	3.9059	-3.0657	1.0019	36.4082	4.0259	1.00188
2100	3.9363	-3.0878	1.0039	36.6937	4.1127	1.00390
2200	3.9697	-3.1095	1.0075	37.0140	4.2395	1.00751
2300	4.0073	-3.1314	1.0136	37.3888	4.4217	1.01357
2400	4.0504	-3.1540	1.0231	37.8397	4.6791	1.02310
2500	4.0993	-3.1776	1.0371	38.3853	5.0273	1.03712
2600	4.1529	-3.2026	1.0563	39.0327	5.4693	1.05628
2700	4.2084	-3.2287	1.0802	39.7644	5.9845	1.08022
2800	4.2618	-3.2552	1.1071	40.5324	6.5255	1.10709
2900	4.3086	-3.2807	1.1336	41.2621	7.0174	1.13360
3000	4.3462	-3.3041	1.1564	41.8867	7.3971	1.15636
3100	4.3745	-3.3247	1.1735	42.3765	7.6405	1.17355
3200	4.3954	-3.3429	1.1854	42.7473	7.7661	1.18541
3300	4.4112	-3.3591	1.1932	43.0323	7.8114	1.19324
3400	4.4241	-3.3740	1.1985	43.2639	7.8100	1.19846
3500	4.4353	-3.3879	1.2021	43.4654	7.7850	1.20214
3600	4.4458	-3.4012	1.2050	43.6527	7.7537	1.20503
3700	4.4561	-3.4140	1.2076	43.8368	7.7253	1.20764
3800	4.4668	-3.4266	1.2104	44.0264	7.7095	1.21036
3900	4.4782	-3.4390	1.2135	44.2289	7.7119	1.21352
4000	4.4907	-3.4514	1.2174	44.4519	7.7389	1.21744
4100	4.5048	-3.4639	1.2225	44.7036	7.7990	1.22247
4200	4.5208	-3.4767	1.2290	44.9930	7.8991	1.22899
4300	4.5392	-3.4899	1.2374	45.3304	8.0495	1.23745
4400	4.5603	-3.5036	1.2483	45.7260	8.2576	1.24832
4500	4.5845	-3.5182	1.2622	46.1933	8.5367	1.26220
4600	4.6119	-3.5337	1.2797	46.7434	8.8951	1.27966
4700	4.6427	-3.5503	1.3013	47.3897	9.3453	1.30134
4800	4.6769	-3.5683	1.3279	48.1444	9.8975	1.32791
4900	4.7138	-3.5876	1.3599	49.0170	10.5596	1.35991
5000	4.7537	-3.6083	1.3979	50.0203	11.3429	1.39786
5100	4.7948	-3.6302	1.4415	51.1342	12.2234	1.44154
5200	4.8365	-3.6533	1.4907	52.3549	13.1975	1.49075
5300	4.8778	-3.6769	1.5446	53.6588	14.2405	1.54458
5400	4.9174	-3.7007	1.6013	55.0055	15.3111	1.60131
5500	4.9543	-3.7240	1.6589	56.3492	16.3643	1.65888
5600	4.9873	-3.7452	1.7145	57.6315	17.3431	1.71454

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	5.0162	-3.7658	1.7662	58.8119	18.2086	1.76622
5800	5.0405	-3.7854	1.8120	59.8539	18.9274	1.81204
5900	5.0607	-3.8021	1.8511	60.7455	19.4902	1.85114
6000	5.0770	-3.8169	1.8832	61.4846	19.8977	1.88319
6100	5.0901	-3.8300	1.9089	62.0893	20.1711	1.90889
6200	5.1006	-3.8416	1.9291	62.5806	20.3331	1.92910
6300	5.1091	-3.8521	1.9448	62.9814	20.4079	1.94483
6400	5.1162	-3.8616	1.9570	63.3120	20.4170	1.95703
6500	5.1221	-3.8705	1.9666	63.5912	20.3799	1.96661
6600	5.1273	-3.8788	1.9742	63.8329	20.3108	1.97420
6700	5.1319	-3.8867	1.9804	64.0477	20.2209	1.98036
6800	5.1361	-3.8942	1.9855	64.2450	20.1192	1.98554
6900	5.1401	-3.9016	1.9900	64.4308	20.0121	1.99006
7000	5.1441	-3.9087	1.9942	64.6110	19.9051	1.99420
7100	5.1480	-3.9157	1.9981	64.7890	19.8014	1.99815
7200	5.1519	-3.9227	2.0021	64.9684	19.7047	2.00210
7300	5.1560	-3.9295	2.0062	65.1521	19.6172	2.00618
7400	5.1602	-3.9364	2.0105	65.3425	19.5412	2.01053
7500	5.1646	-3.9432	2.0152	65.5416	19.4783	2.01525
7600	5.1693	-3.9501	2.0204	65.7517	19.4307	2.02045
7700	5.1743	-3.9570	2.0262	65.9744	19.3997	2.02622
7800	5.1796	-3.9640	2.0326	66.2118	19.3869	2.03268
7900	5.1853	-3.9711	2.0398	66.4655	19.3938	2.03991
8000	5.1914	-3.9783	2.0479	66.7377	19.4217	2.04801
8100	5.1979	-3.9856	2.0570	67.0300	19.4726	2.05709
8200	5.2049	-3.9930	2.0671	67.3444	19.5475	2.06726
8300	5.2124	-4.0007	2.0784	67.6828	19.6484	2.07852
8400	5.2204	-4.0085	2.0911	68.0475	19.7772	2.09129
8500	5.2290	-4.0165	2.1051	68.4401	19.9347	2.10538
8600	5.2382	-4.0248	2.1207	68.8628	20.1233	2.12102
8700	5.2480	-4.0334	2.1379	69.3177	20.3445	2.13832
8800	5.2583	-4.0422	2.1570	69.8069	20.5995	2.15742
8900	5.2693	-4.0513	2.1779	70.3323	20.8908	2.17845
9000	5.2810	-4.0607	2.2009	70.8960	21.2194	2.20153
9100	5.2932	-4.0704	2.2261	71.5000	21.5869	2.22680
9200	5.3061	-4.0805	2.2535	72.1456	21.9944	2.25436
9300	5.3196	-4.0909	2.2834	72.8347	22.4433	2.28434
9400	5.3336	-4.1017	2.3158	73.5687	22.9347	2.31686
9500	5.3482	-4.1128	2.3507	74.3480	23.4686	2.35196
9600	5.3633	-4.1242	2.3884	75.1740	24.0458	2.38976
9700	5.3789	-4.1360	2.4287	76.0459	24.6652	2.43027
9800	5.3948	-4.1481	2.4718	76.9634	25.3265	2.47352
9900	5.4111	-4.1605	2.5176	77.9257	26.0281	2.51949
10000	5.4276	-4.1731	2.5660	78.9307	26.7679	2.56813
10100	5.4443	-4.1860	2.6169	79.9748	27.5417	2.61927
10200	5.4611	-4.1990	2.6702	81.0557	28.3473	2.67283
10300	5.4779	-4.2122	2.7257	82.1672	29.1784	2.72851
10400	5.4946	-4.2254	2.7831	83.3057	30.0309	2.78613
10500	5.5111	-4.2387	2.8420	84.4630	30.8963	2.84528
10600	5.5273	-4.2519	2.9021	85.6328	31.7690	2.90563
10700	5.5431	-4.2650	2.9629	86.8071	32.6406	2.96670
10800	5.5585	-4.2779	3.0240	87.9781	33.5040	3.02809
10900	5.5733	-4.2905	3.0850	89.1364	34.3493	3.08926
11000	5.5876	-4.3029	3.1452	90.2746	35.1701	3.14975
11100	5.6011	-4.3149	3.2044	91.3854	35.9589	3.20915

LOG P=-2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.6140	-4.3266	3.2620	92.4609	36.7085	3.26695
11300	5.6261	-4.3378	3.3176	93.4951	37.4135	3.32277
11400	5.6375	-4.3485	3.3710	94.4831	38.0693	3.37629
11500	5.6481	-4.3588	3.4218	95.4217	38.6727	3.42725
11600	5.6580	-4.3686	3.4698	96.3061	39.2202	3.47536
11700	5.6671	-4.3779	3.5148	97.1367	39.7114	3.52055
11800	5.6755	-4.3868	3.5569	97.9114	40.1468	3.56269
11900	5.6833	-4.3952	3.5959	98.6319	40.5267	3.60178
12000	5.6904	-4.4032	3.6319	99.2992	40.8535	3.63787
12100	5.6969	-4.4107	3.6649	99.9139	41.1284	3.67095
12200	5.7029	-4.4179	3.6952	100.4802	41.3551	3.70123
12300	5.7083	-4.4246	3.7227	101.0002	41.5370	3.72881
12400	5.7133	-4.4311	3.7477	101.4772	41.6770	3.75386
12500	5.7179	-4.4372	3.7704	101.9146	41.7792	3.77654
12600	5.7220	-4.4430	3.7909	102.3154	41.8471	3.79703
12700	5.7258	-4.4485	3.8094	102.6829	41.8834	3.81551
12800	5.7293	-4.4538	3.8261	103.0197	41.8917	3.83213
12900	5.7325	-4.4589	3.8411	103.3294	41.8752	3.84709
13000	5.7355	-4.4638	3.8545	103.6142	41.8367	3.86051
13100	5.7382	-4.4685	3.8666	103.8762	41.7788	3.87255
13200	5.7408	-4.4730	3.8774	104.1185	41.7037	3.88334
13300	5.7431	-4.4773	3.8872	104.3430	41.6136	3.89303
13400	5.7453	-4.4816	3.8959	104.5515	41.5110	3.90171
13500	5.7473	-4.4857	3.9038	104.7456	41.3968	3.90950
13600	5.7492	-4.4897	3.9108	104.9271	41.2729	3.91648
13700	5.7510	-4.4935	3.9171	105.0970	41.1412	3.92274
13800	5.7527	-4.4973	3.9228	105.2569	41.0022	3.92836
13900	5.7543	-4.5010	3.9279	105.4075	40.8572	3.93340
14000	5.7560	-4.5047	3.9325	105.5696	40.7271	3.93795
14100	5.7573	-4.5082	3.9367	105.6857	40.5541	3.94203
14200	5.7586	-4.5117	3.9404	105.8148	40.3971	3.94571
14300	5.7600	-4.5151	3.9438	105.9382	40.2376	3.94903
14400	5.7612	-4.5185	3.9469	106.0567	40.0759	3.95203
14500	5.7625	-4.5218	3.9496	106.1705	39.9131	3.95475
14600	5.7637	-4.5250	3.9522	106.2802	39.7490	3.95721
14700	5.7648	-4.5283	3.9545	106.3865	39.5843	3.95945
14800	5.7660	-4.5314	3.9566	106.4896	39.4195	3.96149
14900	5.7671	-4.5346	3.9585	106.5898	39.2551	3.96336
15000	5.7682	-4.5377	3.9603	106.6875	39.0908	3.96507

LOG P=-2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-1.6536	1.0000	24.9186	3.4805	1.00000
200	2.8434	-1.9547	1.0000	27.3375	3.4862	1.00000
300	3.0198	-2.1408	1.0000	28.7548	3.4891	1.00000
400	3.1455	-2.2556	1.0000	29.7650	3.4952	1.00000
500	3.2440	-2.3626	1.0000	30.5588	3.5074	1.00000
600	3.3256	-2.4417	1.0000	31.2190	3.5270	1.00000
700	3.3955	-2.5088	1.0000	31.7897	3.5515	1.00000
800	3.4572	-2.5667	1.0000	32.2944	3.5817	1.00000
900	3.5121	-2.6178	1.0000	32.7510	3.6129	1.00000
1000	3.5619	-2.6636	1.0000	33.1655	3.6467	1.00000
1100	3.6071	-2.7051	1.0000	33.5482	3.6791	1.00000
1200	3.6488	-2.7428	1.0000	33.9046	3.7122	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1300	3.6874	-2.7776	1.0000	34.2343	3.7452	1.00000
1400	3.7234	-2.8097	1.0000	34.5454	3.7779	1.00000
1500	3.7570	-2.8400	1.0000	34.8409	3.8099	1.00001
1600	3.7888	-2.8680	1.0000	35.1207	3.8432	1.00003
1700	3.8190	-2.8944	1.0001	35.3891	3.8778	1.00011
1800	3.8480	-2.9193	1.0003	35.6498	3.9153	1.00031
1900	3.8765	-2.9429	1.0008	35.9080	3.9608	1.00076
2000	3.9052	-2.9656	1.0017	36.1712	4.0196	1.00158
2100	3.9350	-2.9876	1.0035	36.4503	4.1004	1.00348
2200	3.9674	-3.0092	1.0067	36.7597	4.2172	1.00671
2300	4.0036	-3.0308	1.0121	37.1174	4.3835	1.01213
2400	4.0447	-3.0530	1.0207	37.5434	4.6181	1.02070
2500	4.0914	-3.0761	1.0334	38.0560	4.9365	1.03339
2600	4.1429	-3.1004	1.0509	38.6652	5.3444	1.05094
2700	4.1969	-3.1259	1.0733	39.3602	5.8283	1.07325
2800	4.2500	-3.1520	1.0990	40.1043	6.3515	1.09901
2900	4.2980	-3.1776	1.1254	40.8326	6.8481	1.12541
3000	4.3377	-3.2013	1.1491	41.4779	7.2538	1.14911
3100	4.3683	-3.2226	1.1678	41.9988	7.5323	1.16783
3200	4.3911	-3.2413	1.1812	42.3991	7.6904	1.18122
3300	4.4084	-3.2580	1.1903	42.7062	7.7596	1.19025
3400	4.4221	-3.2732	1.1963	42.9520	7.7739	1.19631
3500	4.4338	-3.2873	1.2005	43.1615	7.7578	1.20051
3600	4.4445	-3.3007	1.2037	43.3523	7.7307	1.20371
3700	4.4549	-3.3136	1.2065	43.5365	7.7029	1.20645
3800	4.4654	-3.3261	1.2092	43.7229	7.6847	1.20917
3900	4.4765	-3.3385	1.2122	43.9192	7.6815	1.21219
4000	4.4885	-3.3508	1.2158	44.1327	7.6999	1.21585
4100	4.5020	-3.3632	1.2204	44.3710	7.7476	1.22044
4200	4.5171	-3.3757	1.2264	44.6422	7.8309	1.22635
4300	4.5344	-3.3886	1.2340	44.9559	7.9595	1.23397
4400	4.5541	-3.4020	1.2437	45.3214	8.1397	1.24375
4500	4.5767	-3.4161	1.2562	45.7506	8.3839	1.25620
4600	4.6023	-3.4311	1.2719	46.2542	8.6996	1.27186
4700	4.6311	-3.4470	1.2913	46.8445	9.0986	1.29135
4800	4.6631	-3.4641	1.3153	47.5335	9.5910	1.31528
4900	4.6982	-3.4825	1.3442	48.3310	10.1852	1.34421
5000	4.7362	-3.5023	1.3787	49.2519	10.8941	1.37870
5100	4.7757	-3.5233	1.4187	50.2796	11.6981	1.41870
5200	4.8163	-3.5455	1.4642	51.4158	12.5988	1.46425
5300	4.8571	-3.5685	1.5148	52.6449	13.5790	1.51478
5400	4.8969	-3.5919	1.5690	53.9357	14.6066	1.56902
5500	4.9347	-3.6152	1.6253	55.2507	15.6443	1.62532
5600	4.9693	-3.6377	1.6812	56.5361	16.6386	1.68117
5700	5.0001	-3.6589	1.7345	57.7499	17.5497	1.73450
5800	5.0268	-3.6785	1.7832	58.8495	18.3371	1.78316
5900	5.0492	-3.6962	1.8259	59.8134	18.9815	1.82588
6000	5.0676	-3.7119	1.8618	60.6292	19.4737	1.86182
6100	5.0826	-3.7259	1.8913	61.3067	19.8262	1.89127
6200	5.0947	-3.7384	1.9148	61.8621	20.0573	1.91484
6300	5.1045	-3.7495	1.9334	62.3161	20.1891	1.93342
6400	5.1125	-3.7596	1.9479	62.6889	20.2433	1.94732
6500	5.1192	-3.7689	1.9593	63.0008	20.2414	1.95930
6600	5.1249	-3.7775	1.9683	63.2668	20.1987	1.96830
6700	5.1299	-3.7856	1.9755	63.4990	20.1275	1.97550

T	LOG H/R	LOG R40	Z	S/R	-H/RT	Z*
6800	5.1344	-3.7933	1.9814	63.7083	20.0392	1.98144
6900	5.1386	-3.8008	1.9865	63.9016	19.9406	1.98648
7000	5.1426	-3.8080	1.9910	64.0856	19.8385	1.99096
7100	5.1465	-3.8151	1.9951	64.2643	19.7363	1.99509
7200	5.1504	-3.8220	1.9991	64.4419	19.6388	1.99908
7300	5.1544	-3.8289	2.0031	64.6214	19.5480	2.00309
7400	5.1585	-3.8357	2.0072	64.8053	19.4664	2.00725
7500	5.1628	-3.8425	2.0116	64.9959	19.3964	2.01168
7600	5.1673	-3.8493	2.0164	65.1953	19.3392	2.01650
7700	5.1720	-3.8561	2.0217	65.4054	19.2968	2.02179
7800	5.1770	-3.8529	2.0276	65.6279	19.2706	2.02765
7900	5.1823	-3.8599	2.0341	65.8647	19.2619	2.03419
8000	5.1880	-3.8769	2.0414	66.1174	19.2723	2.04149
8100	5.1941	-3.8840	2.0495	66.3879	19.3033	2.04964
8200	5.2006	-3.8912	2.0586	66.5778	19.3560	2.05876
8300	5.2076	-3.8986	2.0687	66.9891	19.4323	2.06893
8400	5.2151	-3.9062	2.0800	67.3235	19.5333	2.08027
8500	5.2230	-3.9140	2.0926	67.5828	19.6608	2.09287
8600	5.2315	-3.9219	2.1065	68.0689	19.8162	2.10685
8700	5.2406	-3.9301	2.1219	68.4839	20.0009	2.12232
8800	5.2502	-3.9385	2.1390	68.9294	20.2167	2.13940
8900	5.2604	-3.9472	2.1577	69.4074	20.4649	2.15821
9000	5.2712	-3.9562	2.1783	69.9198	20.7471	2.17887
9100	5.2826	-3.9655	2.2008	70.4686	21.0648	2.20151
9200	5.2946	-3.9751	2.2254	71.0552	21.4194	2.22622
9300	5.3072	-3.9849	2.2522	71.6811	21.8117	2.25313
9400	5.3203	-3.9952	2.2813	72.3483	22.2434	2.28235
9500	5.3340	-4.0057	2.3128	73.0572	22.7141	2.31395
9600	5.3483	-4.0166	2.3467	73.8094	23.2262	2.34807
9700	5.3630	-4.0278	2.3832	74.6048	23.7782	2.38471
9800	5.3781	-4.0393	2.4223	75.4438	24.3702	2.42395
9900	5.3936	-4.0511	2.4640	76.3262	25.0021	2.46581
10000	5.4095	-4.0632	2.5082	77.2509	25.6723	2.51028
10100	5.4256	-4.0756	2.5550	78.2152	26.3774	2.55725
10200	5.4418	-4.0881	2.6042	79.2183	27.1169	2.60671
10300	5.4582	-4.1009	2.6557	80.2550	27.8855	2.65842
10400	5.4746	-4.1137	2.7093	81.3233	28.6802	2.71228
10500	5.4909	-4.1267	2.7647	82.4165	29.4952	2.76799
10600	5.5071	-4.1397	2.8217	83.5300	30.3252	2.82528
10700	5.5230	-4.1526	2.8800	84.6571	31.1636	2.88379
10800	5.5386	-4.1655	2.9391	85.7910	32.0039	2.94318
10900	5.5538	-4.1782	2.9987	86.9238	32.8378	3.00298
11000	5.5685	-4.1907	3.0582	88.0482	33.6586	3.06277
11100	5.5826	-4.2030	3.1173	89.1574	34.4597	3.12216
11200	5.5962	-4.2149	3.1756	90.2431	35.2326	3.18063
11300	5.6090	-4.2265	3.2325	91.2985	35.9716	3.23779
11400	5.6212	-4.2377	3.2877	92.3179	36.6712	3.29325
11500	5.6327	-4.2484	3.3410	93.2967	37.3265	3.34670
11600	5.6435	-4.2588	3.3919	94.2290	37.9332	3.39777
11700	5.6535	-4.2686	3.4403	95.1136	38.4895	3.44631
11800	5.6629	-4.2781	3.4859	95.9467	38.9932	3.49208
11900	5.6715	-4.2870	3.5287	96.7286	39.4443	3.53503
12000	5.6795	-4.2956	3.5687	97.4593	39.8431	3.57513
12100	5.6869	-4.3036	3.6058	98.1380	40.1899	3.61227
12200	5.6937	-4.3113	3.6400	98.7676	40.4874	3.64659

LOG P=-2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12300	5.6999	-4.3186	3.6715	99.3492	40.7375	3.67813
12400	5.7056	-4.3255	3.7004	99.8855	40.9433	3.70702
12500	5.7108	-4.3321	3.7267	100.3794	41.1076	3.73338
12600	5.7156	-4.3383	3.7507	100.8335	41.2334	3.75737
12700	5.7200	-4.3443	3.7725	101.2509	41.3241	3.77914
12800	5.7240	-4.3500	3.7922	101.6342	41.3834	3.79885
12900	5.7277	-4.3554	3.8100	101.9867	41.4135	3.81668
13000	5.7311	-4.3606	3.8262	102.3108	41.4176	3.83275
13100	5.7343	-4.3655	3.8407	102.6090	41.3989	3.84723
13200	5.7371	-4.3703	3.8538	102.8842	41.3592	3.86028
13300	5.7398	-4.3749	3.8655	103.1388	41.3020	3.87202
13400	5.7423	-4.3794	3.8762	103.3744	41.2284	3.88258
13500	5.7446	-4.3837	3.8857	103.5931	41.1407	3.89208
13600	5.7468	-4.3878	3.8943	103.7969	41.0410	3.90062
13700	5.7488	-4.3919	3.9020	103.9868	40.9308	3.90830
13800	5.7507	-4.3958	3.9090	104.1648	40.8115	3.91520
13900	5.7524	-4.3996	3.9153	104.3318	40.6842	3.92141
14000	5.7543	-4.4034	3.9210	104.5085	40.5698	3.92701
14100	5.7557	-4.4070	3.9261	104.6380	40.4114	3.93205
14200	5.7572	-4.4106	3.9307	104.7790	40.2673	3.93650
14300	5.7587	-4.4141	3.9349	104.9130	40.1190	3.94071
14400	5.7601	-4.4176	3.9386	105.0411	39.9678	3.94442
14500	5.7614	-4.4209	3.9421	105.1636	39.8144	3.94778
14600	5.7627	-4.4243	3.9452	105.2809	39.6590	3.95082
14700	5.7639	-4.4275	3.9480	105.3940	39.5018	3.95359
14800	5.7651	-4.4308	3.9506	105.5033	39.3439	3.95610
14900	5.7663	-4.4340	3.9529	105.6089	39.1851	3.95839
15000	5.7674	-4.4371	3.9551	105.7113	39.0259	3.96048

LOG P=-2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5416	-1.5636	0.9998	24.6881	3.4805	1.00000
200	2.8434	-1.8648	1.0000	27.1073	3.4862	1.00000
300	3.0198	-2.0409	1.0000	28.5251	3.4891	1.00000
400	3.1455	-2.1657	1.0000	29.5349	3.4952	1.00000
500	3.2440	-2.2627	1.0000	30.3286	3.5074	1.00000
600	3.3256	-2.3418	1.0000	30.9889	3.5270	1.00000
700	3.3955	-2.4089	1.0000	31.5596	3.5516	1.00000
800	3.4572	-2.4669	1.0000	32.0649	3.5817	1.00000
900	3.5121	-2.5180	1.0000	32.5209	3.6129	1.00000
1000	3.5619	-2.5636	1.0000	32.9353	3.6467	1.00000
1100	3.6071	-2.6052	1.0000	33.3179	3.6791	1.00000
1200	3.6488	-2.6430	1.0000	33.6749	3.7122	1.00000
1300	3.6874	-2.6777	1.0000	34.0047	3.7452	1.00000
1400	3.7234	-2.7098	1.0000	34.3156	3.7779	1.00000
1500	3.7570	-2.7400	1.0000	34.6105	3.8099	1.00001
1600	3.7888	-2.7680	1.0000	34.8903	3.8431	1.00003
1700	3.8190	-2.7943	1.0001	35.1584	3.8774	1.00010
1800	3.8479	-2.8192	1.0003	35.4183	3.9142	1.00027
1900	3.8762	-2.8429	1.0007	35.6750	3.9581	1.00067
2000	3.9046	-2.8655	1.0015	35.9350	4.0140	1.00150
2100	3.9339	-2.8874	1.0031	36.2083	4.0894	1.00310
2200	3.9654	-2.9089	1.0060	36.5079	4.1971	1.00599
2300	4.0001	-2.9303	1.0108	36.8502	4.3492	1.01084

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2400	4.0395	-2.9520	1.0185	37.2536	4.5631	1.01854
2500	4.0840	-2.9746	1.0300	37.7360	4.8540	1.03000
2600	4.1334	-2.9984	1.0460	38.3087	5.2293	1.04602
2700	4.1858	-3.0233	1.0667	38.9668	5.6814	1.06670
2800	4.2383	-3.0489	1.0912	39.6834	6.1827	1.09118
2900	4.2870	-3.0744	1.1171	40.4033	6.6768	1.11714
3000	4.3285	-3.0984	1.1414	41.0622	7.1017	1.14145
3100	4.3613	-3.1202	1.1615	41.5110	7.4127	1.16152
3200	4.3862	-3.1396	1.1765	42.0413	7.6041	1.17646
3300	4.4050	-3.1567	1.1858	42.3726	7.6997	1.18679
3400	4.4198	-3.1723	1.1938	42.6349	7.7319	1.19380
3500	4.4321	-3.1866	1.1986	42.8544	7.7269	1.19864
3600	4.4431	-3.2001	1.2022	43.0502	7.7055	1.20222
3700	4.4535	-3.2131	1.2052	43.2356	7.6797	1.20516
3800	4.4640	-3.2257	1.2079	43.4202	7.6602	1.20793
3900	4.4749	-3.2380	1.2109	43.6115	7.6527	1.21087
4000	4.4865	-3.2502	1.2143	43.8168	7.6638	1.21431
4100	4.4993	-3.2625	1.2186	44.0433	7.7007	1.21854
4200	4.5136	-3.2749	1.2239	44.2985	7.7695	1.22392
4300	4.5299	-3.2875	1.2308	44.5911	7.8786	1.23080
4400	4.5484	-3.3006	1.2396	44.9296	8.0338	1.23960
4500	4.5695	-3.3143	1.2508	45.3248	8.2467	1.25078
4600	4.5934	-3.3286	1.2648	45.7866	8.5240	1.26484
4700	4.6204	-3.3440	1.2823	46.3264	8.8768	1.28234
4800	4.6504	-3.3603	1.3039	46.9556	9.3146	1.30387
4900	4.6835	-3.3779	1.3300	47.6841	9.8460	1.32997
5000	4.7196	-3.3958	1.3612	48.5278	10.4853	1.36122
5100	4.7574	-3.4158	1.3977	49.4730	11.2157	1.39772
5200	4.7967	-3.4381	1.4396	50.5257	12.0429	1.43954
5300	4.8367	-3.4604	1.4867	51.6763	12.9558	1.48672
5400	4.8764	-3.4832	1.5380	52.9021	13.9304	1.53804
5500	4.9146	-3.5063	1.5924	54.1731	14.9368	1.59236
5600	4.9504	-3.5289	1.6475	55.4425	15.9281	1.64750
5700	4.9829	-3.5506	1.7016	56.6709	16.8661	1.70159
5800	5.0116	-3.5709	1.7523	57.8126	17.7072	1.75235
5900	5.0362	-3.5895	1.7982	58.8389	18.4241	1.79819
6000	5.0568	-3.6063	1.8378	59.7270	18.9974	1.83782
6100	5.0738	-3.6213	1.8710	60.4778	19.4304	1.87105
6200	5.0876	-3.6346	1.8982	61.1012	19.7353	1.89818
6300	5.0989	-3.6465	1.9199	61.6142	19.9309	1.91990
6400	5.1080	-3.6572	1.9370	62.0355	20.0373	1.93703
6500	5.1156	-3.6669	1.9506	62.3861	20.0769	1.95056
6600	5.1220	-3.6759	1.9612	62.6819	20.0662	1.96125
6700	5.1275	-3.6843	1.9697	62.9362	20.0190	1.96974
6800	5.1324	-3.6923	1.9767	63.1615	19.9481	1.97666
6900	5.1369	-3.6999	1.9824	63.3656	19.8617	1.98240
7000	5.1410	-3.7072	1.9874	63.5560	19.7670	1.98737
7100	5.1450	-3.7144	1.9918	63.7379	19.6692	1.99180
7200	5.1490	-3.7213	1.9959	63.9157	19.5725	1.99594
7300	5.1529	-3.7282	1.9999	64.0927	19.4802	1.99996
7400	5.1569	-3.7350	2.0040	64.2720	19.3951	2.00404
7500	5.1610	-3.7417	2.0082	64.4559	19.3191	2.00826
7600	5.1653	-3.7485	2.0127	64.6467	19.2543	2.01278
7700	5.1698	-3.7552	2.0176	64.8459	19.2023	2.01767
7800	5.1746	-3.7619	2.0230	65.0558	19.1646	2.02304

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7900	5.1796	-3.7587	2.0289	65.2777	19.1426	2.02899
8000	5.1850	-3.7756	2.0355	65.5135	19.1377	2.03559
8100	5.1907	-3.7826	2.0428	65.7648	19.1511	2.04293
8200	5.1968	-3.7896	2.0510	66.0331	19.1843	2.05112
8300	5.2032	-3.7968	2.0601	66.3202	19.2385	2.06024
8400	5.2102	-3.8041	2.0702	66.5278	19.3152	2.07040
8500	5.2176	-3.8116	2.0814	66.9574	19.4160	2.08168
8600	5.2255	-3.8193	2.0939	67.3109	19.5415	2.09417
8700	5.2339	-3.8272	2.1076	67.6900	19.6940	2.10801
8800	5.2428	-3.8353	2.1229	68.0965	19.8744	2.12329
8900	5.2522	-3.8436	2.1396	68.5319	20.0841	2.14010
9000	5.2623	-3.8522	2.1580	68.9982	20.3247	2.15859
9100	5.2729	-3.8610	2.1782	69.4973	20.5977	2.17885
9200	5.2840	-3.8701	2.2002	70.0303	20.9041	2.20098
9300	5.2957	-3.8795	2.2242	70.5991	21.2452	2.22511
9400	5.3080	-3.8892	2.2504	71.2054	21.6223	2.25133
9500	5.3209	-3.8993	2.2786	71.8499	22.0359	2.27975
9600	5.3342	-3.9096	2.3092	72.5342	22.4871	2.31046
9700	5.3481	-3.9202	2.3421	73.2588	22.9761	2.34352
9800	5.3624	-3.9312	2.3774	74.0241	23.5031	2.37900
9900	5.3771	-3.9424	2.4152	74.8307	24.0683	2.41696
10000	5.3922	-3.9540	2.4554	75.5782	24.6708	2.45742
10100	5.4076	-3.9658	2.4981	76.5647	25.3085	2.50032
10200	5.4233	-3.9778	2.5432	77.4901	25.9814	2.54568
10300	5.4391	-3.9901	2.5907	78.4507	26.6853	2.59334
10400	5.4551	-4.0026	2.6403	79.4457	27.4188	2.64327
10500	5.4711	-4.0151	2.6921	80.4699	28.1771	2.69526
10600	5.4871	-4.0278	2.7456	81.5199	28.9563	2.74909
10700	5.5029	-4.0405	2.8008	82.5905	29.7511	2.80453
10800	5.5185	-4.0532	2.8572	83.6760	30.5560	2.86126
10900	5.5339	-4.0659	2.9146	84.7694	31.3638	2.91890
11000	5.5488	-4.0784	2.9725	85.8646	32.1687	2.97711
11100	5.5634	-4.0907	3.0307	86.9554	32.9648	3.03552
11200	5.5774	-4.1028	3.0885	88.0339	33.7440	3.09366
11300	5.5909	-4.1147	3.1457	89.0932	34.5000	3.15113
11400	5.6038	-4.1262	3.2019	90.1272	35.2269	3.20755
11500	5.6160	-4.1373	3.2567	91.1311	35.9200	3.26257
11600	5.6276	-4.1481	3.3097	92.0975	36.5730	3.31578
11700	5.6385	-4.1585	3.3607	93.0242	37.1831	3.36696
11800	5.6488	-4.1684	3.4093	93.9059	37.7463	3.41579
11900	5.6583	-4.1779	3.4555	94.7418	38.2616	3.46214
12000	5.6672	-4.1870	3.4991	95.5302	38.7277	3.50589
12100	5.6754	-4.1956	3.5400	96.2691	39.1434	3.54686
12200	5.6831	-4.2039	3.5781	96.9596	39.5104	3.58510
12300	5.6901	-4.2117	3.6135	97.6023	39.8289	3.62057
12400	5.6966	-4.2191	3.6462	98.1985	40.1017	3.65334
12500	5.7026	-4.2252	3.6763	98.7509	40.3314	3.68351
12600	5.7080	-4.2329	3.7040	99.2610	40.5190	3.71119
12700	5.7131	-4.2393	3.7293	99.7319	40.6691	3.73650
12800	5.7177	-4.2454	3.7523	100.1657	40.7839	3.75957
12900	5.7219	-4.2512	3.7733	100.5656	40.8655	3.78056
13000	5.7259	-4.2567	3.7924	100.9339	40.9180	3.79962
13100	5.7295	-4.2620	3.8097	101.2730	40.9441	3.81687
13200	5.7328	-4.2671	3.8253	101.5860	40.9457	3.83250
13300	5.7358	-4.2720	3.8395	101.8752	40.9256	3.84663

LOG P=-2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13400	5.7387	-4.2757	3.8523	102.1426	40.8869	3.85939
13500	5.7413	-4.2812	3.8639	102.3903	40.8306	3.87089
13600	5.7438	-4.2856	3.8743	102.6204	40.7596	3.88128
13700	5.7461	-4.2898	3.8837	102.8343	40.6751	3.89065
13800	5.7482	-4.2939	3.8922	103.0341	40.5792	3.89910
13900	5.7502	-4.2979	3.8999	103.2207	40.4736	3.90671
14000	5.7523	-4.3018	3.9069	103.4151	40.3779	3.91359
14100	5.7538	-4.3056	3.9131	103.5607	40.2370	3.91979
14200	5.7555	-4.3093	3.9188	103.7162	40.1085	3.92540
14300	5.7571	-4.3129	3.9239	103.8633	39.9745	3.93046
14400	5.7586	-4.3165	3.9286	104.0031	39.8361	3.93504
14500	5.7601	-4.3199	3.9328	104.1361	39.6939	3.93919
14600	5.7615	-4.3233	3.9366	104.2629	39.5484	3.94293
14700	5.7628	-4.3257	3.9401	104.3845	39.4007	3.94635
14800	5.7641	-4.3300	3.9433	104.5014	39.2505	3.94944
14900	5.7654	-4.3332	3.9462	104.6138	39.0994	3.95226
15000	5.7666	-4.3364	3.9488	104.7223	38.9470	3.95482

LOG P=-1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5416	-1.4636	0.9997	24.4577	3.4801	1.00000
200	2.8434	-1.7649	1.0000	26.8770	3.4862	1.00000
300	3.0198	-1.9410	1.0000	28.2950	3.4891	1.00000
400	3.1455	-2.0658	1.0000	29.3047	3.4952	1.00000
500	3.2440	-2.1528	1.0000	30.0984	3.5074	1.00000
600	3.3256	-2.2419	1.0000	30.7587	3.5270	1.00000
700	3.3955	-2.3089	1.0000	31.3295	3.5515	1.00000
800	3.4572	-2.3670	1.0000	31.8349	3.5817	1.00000
900	3.5121	-2.4181	1.0000	32.2907	3.6129	1.00000
1000	3.5619	-2.4638	1.0000	32.7057	3.6467	1.00000
1100	3.6071	-2.5052	1.0000	33.0879	3.6791	1.00000
1200	3.6488	-2.5430	1.0000	33.4444	3.7122	1.00000
1300	3.6874	-2.5778	1.0000	33.7747	3.7452	1.00000
1400	3.7234	-2.6100	1.0000	34.0859	3.7779	1.00000
1500	3.7570	-2.6400	1.0000	34.3803	3.8099	1.00001
1600	3.7888	-2.6680	1.0000	34.6599	3.8429	1.00003
1700	3.8189	-2.6943	1.0001	34.9277	3.8770	1.00009
1800	3.8478	-2.7192	1.0002	35.1870	3.9132	1.00024
1900	3.8760	-2.7429	1.0006	35.4422	3.9557	1.00060
2000	3.9041	-2.7655	1.0013	35.6994	4.0090	1.00134
2100	3.9328	-2.7873	1.0028	35.9676	4.0797	1.00277
2200	3.9635	-2.8086	1.0053	36.2585	4.1792	1.00534
2300	3.9971	-2.8298	1.0097	36.5869	4.3185	1.00969
2400	4.0347	-2.8512	1.0166	36.9699	4.5137	1.01659
2500	4.0773	-2.8733	1.0269	37.4244	4.7792	1.02694
2600	4.1246	-2.8965	1.0415	37.9629	5.1239	1.04152
2700	4.1752	-2.9208	1.0606	38.5847	5.5442	1.06060
2800	4.2268	-2.9459	1.0837	39.2709	6.0206	1.08367
2900	4.2757	-2.9711	1.1089	39.9763	6.5062	1.10890
3000	4.3187	-2.9954	1.1335	40.6421	6.9436	1.13349
3100	4.3537	-3.0177	1.1547	41.2144	7.2827	1.15469
3200	4.3806	-3.0376	1.1711	41.6738	7.5049	1.17112
3300	4.4011	-3.0553	1.1828	42.0308	7.6307	1.18284
3400	4.4170	-3.0712	1.1909	42.3120	7.6836	1.19091

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	4.4301	-3.0858	1.1965	42.5435	7.6917	1.19650
3600	4.4415	-3.0995	1.2005	42.7459	7.6779	1.20054
3700	4.4522	-3.1126	1.2038	42.9338	7.6552	1.20375
3800	4.4626	-3.1252	1.2066	43.1175	7.6356	1.20662
3900	4.4733	-3.1375	1.2095	43.3051	7.6250	1.20954
4000	4.4846	-3.1497	1.2128	43.5036	7.6300	1.21281
4100	4.4969	-3.1518	1.2168	43.7199	7.6577	1.21675
4200	4.5105	-3.1741	1.2217	43.9611	7.7135	1.22166
4300	4.5259	-3.1865	1.2279	44.2350	7.8054	1.22790
4400	4.5432	-3.1993	1.2358	44.5494	7.9386	1.23583
4500	4.5630	-3.2126	1.2459	44.9143	8.1236	1.24589
4600	4.5853	-3.2265	1.2585	45.3385	8.3665	1.25852
4700	4.6105	-3.2412	1.2742	45.8328	8.6775	1.27423
4800	4.6386	-3.2559	1.2936	46.4077	9.0658	1.29358
4900	4.6697	-3.2737	1.3171	47.0732	9.5399	1.31710
5000	4.7039	-3.2917	1.3454	47.8455	10.1147	1.34536
5100	4.7400	-3.3108	1.3785	48.7127	10.7751	1.37853
5200	4.7778	-3.3312	1.4169	49.5840	11.5301	1.41692
5300	4.8168	-3.3526	1.4605	50.7546	12.3735	1.46046
5400	4.8559	-3.3748	1.5086	51.9087	13.2880	1.50858
5500	4.8942	-3.3974	1.5604	53.1239	14.2509	1.56036
5600	4.9307	-3.4200	1.6141	54.3615	15.2229	1.61406
5700	4.9646	-3.4419	1.6680	55.5860	16.1692	1.66801
5800	4.9951	-3.4628	1.7200	56.7520	17.0463	1.72001
5900	5.0218	-3.4823	1.7683	57.8263	17.8222	1.76828
6000	5.0446	-3.5000	1.8112	58.7784	18.4689	1.81116
6100	5.0637	-3.5159	1.8481	59.6005	18.9814	1.84807
6200	5.0794	-3.5301	1.8789	60.2941	19.3631	1.87838
6300	5.0922	-3.5429	1.9040	60.8710	19.6281	1.90401
6400	5.1027	-3.5543	1.9241	61.3470	19.7934	1.92439
6500	5.1114	-3.5646	1.9401	61.7426	19.8814	1.94011
6600	5.1186	-3.5741	1.9528	62.0739	19.9087	1.95280
6700	5.1247	-3.5828	1.9629	62.3554	19.8909	1.96286
6800	5.1301	-3.5911	1.9710	62.6009	19.8420	1.97099
6900	5.1349	-3.5988	1.9776	62.8194	19.7712	1.97764
7000	5.1393	-3.6063	1.9833	63.0197	19.6877	1.98326
7100	5.1434	-3.6136	1.9881	63.2074	19.5966	1.98814
7200	5.1475	-3.6206	1.9925	63.3878	19.5038	1.99257
7300	5.1514	-3.6275	1.9967	63.5646	19.4121	1.99672
7400	5.1554	-3.6343	2.0008	63.7413	19.3254	2.00080
7500	5.1594	-3.6410	2.0049	63.9204	19.2455	2.00492
7600	5.1635	-3.6477	2.0092	64.1042	19.1749	2.00923
7700	5.1679	-3.6544	2.0138	64.2946	19.1151	2.01381
7800	5.1724	-3.6610	2.0187	64.4936	19.0679	2.01877
7900	5.1772	-3.6577	2.0241	64.7028	19.0343	2.02421
8000	5.1822	-3.6745	2.0301	64.9238	19.0161	2.03021
8100	5.1876	-3.6813	2.0367	65.1581	19.0144	2.03685
8200	5.1933	-3.6882	2.0441	65.4074	19.0301	2.04423
8300	5.1993	-3.6952	2.0523	65.6731	19.0649	2.05242
8400	5.2058	-3.7023	2.0613	65.9568	19.1201	2.06153
8500	5.2126	-3.7095	2.0714	66.2601	19.1967	2.07153
8600	5.2200	-3.7169	2.0825	66.5845	19.2961	2.08282
8700	5.2278	-3.7245	2.0949	66.9317	19.4194	2.09521
8800	5.2360	-3.7323	2.1085	67.3032	19.5682	2.10887
8900	5.2448	-3.7403	2.1234	67.7006	19.7435	2.12390

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	5.2541	-3.7485	2.1399	68.1257	19.9470	2.14044
9100	5.2640	-3.7559	2.1579	68.5800	20.1795	2.15856
9200	5.2743	-3.7656	2.1777	69.0649	20.4424	2.17839
9300	5.2852	-3.7746	2.1992	69.5822	20.7372	2.20000
9400	5.2967	-3.7838	2.2226	70.1332	21.0646	2.22351
9500	5.3087	-3.7934	2.2479	70.7191	21.4258	2.24901
9600	5.3212	-3.8032	2.2754	71.3414	21.8218	2.27661
9700	5.3342	-3.8133	2.3050	72.0007	22.2527	2.30638
9800	5.3476	-3.8237	2.3368	72.6978	22.7193	2.33837
9900	5.3615	-3.8344	2.3710	73.4336	23.2221	2.37270
10000	5.3759	-3.8454	2.4075	74.2082	23.7605	2.40937
10100	5.3905	-3.8557	2.4462	75.0204	24.3335	2.44838
10200	5.4055	-3.8582	2.4874	75.8709	24.9413	2.48978
10300	5.4208	-3.8800	2.5309	76.7569	25.5807	2.53346
10400	5.4362	-3.8919	2.5766	77.6780	26.2516	2.57944
10500	5.4517	-3.9041	2.6244	78.6307	26.9496	2.62755
10600	5.4674	-3.9154	2.6743	79.6124	27.6724	2.67768
10700	5.4830	-3.9288	2.7259	80.6195	28.4163	2.72964
10800	5.4985	-3.9412	2.7792	81.6473	29.1761	2.78319
10900	5.5138	-3.9536	2.8338	82.6901	29.9465	2.83804
11000	5.5289	-3.9560	2.8893	83.7430	30.7226	2.89390
11100	5.5436	-3.9784	2.9456	84.8011	31.4992	2.95051
11200	5.5580	-3.9905	3.0022	85.8568	32.2689	3.00740
11300	5.5719	-4.0025	3.0588	86.9038	33.0257	3.06424
11400	5.5854	-4.0142	3.1149	87.9363	33.7640	3.12065
11500	5.5982	-4.0257	3.1703	88.9489	34.4784	3.17629
11600	5.6105	-4.0368	3.2244	89.9339	35.1619	3.23070
11700	5.6222	-4.0475	3.2771	90.8880	35.8112	3.28354
11800	5.6332	-4.0579	3.3280	91.8053	36.4214	3.33472
11900	5.6436	-4.0679	3.3768	92.6835	36.9899	3.38376
12000	5.6534	-4.0775	3.4235	93.5201	37.5145	3.43057
12100	5.6625	-4.0867	3.4676	94.3114	37.9925	3.47490
12200	5.6710	-4.0954	3.5093	95.0578	38.4245	3.51672
12300	5.6789	-4.1038	3.5484	95.7585	38.8101	3.55595
12400	5.6861	-4.1118	3.5849	96.4134	39.1495	3.59254
12500	5.6929	-4.1193	3.6188	97.0245	39.4449	3.62655
12600	5.6991	-4.1265	3.6502	97.5923	39.6974	3.65802
12700	5.7049	-4.1334	3.6792	98.1194	39.9098	3.68704
12800	5.7102	-4.1400	3.7058	98.6070	40.0837	3.71371
12900	5.7151	-4.1462	3.7302	99.0583	40.2225	3.73814
13000	5.7195	-4.1521	3.7526	99.4749	40.3277	3.76046
13100	5.7237	-4.1578	3.7729	99.8595	40.4034	3.78080
13200	5.7275	-4.1632	3.7915	100.2150	40.4515	3.79933
13300	5.7310	-4.1684	3.8083	100.5435	40.4741	3.81615
13400	5.7343	-4.1734	3.8236	100.8471	40.4746	3.83143
13500	5.7373	-4.1782	3.8375	101.1282	40.4552	3.84526
13600	5.7401	-4.1829	3.8501	101.3890	40.4172	3.85781
13700	5.7427	-4.1873	3.8615	101.6310	40.3629	3.86915
13800	5.7451	-4.1916	3.8718	101.8564	40.2953	3.87941
13900	5.7474	-4.1958	3.8812	102.0662	40.2143	3.88868
14000	5.7497	-4.1999	3.8896	102.2816	40.1420	3.89708
14100	5.7515	-4.2038	3.8973	102.4467	40.0219	3.90468
14200	5.7534	-4.2077	3.9042	102.6197	39.9122	3.91156
14300	5.7552	-4.2114	3.9105	102.7826	39.7954	3.91778
14400	5.7569	-4.2151	3.9162	102.9368	39.6728	3.92342

LOG P=-1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	5.7585	-4.2187	3.9214	103.0826	39.5445	3.92853
14600	5.7600	-4.2222	3.9261	103.2211	39.4116	3.93315
14700	5.7614	-4.2256	3.9304	103.3534	39.2754	3.93736
14800	5.7628	-4.2290	3.9343	103.4799	39.1359	3.94118
14900	5.7642	-4.2323	3.9379	103.6007	38.9939	3.94466
15000	5.7655	-4.2356	3.9411	103.7170	38.8500	3.94783

LOG P=-1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5415	-1.3636	0.9995	24.2271	3.4796	1.00000
200	2.8434	-1.5649	0.9999	26.6465	3.4861	1.00000
300	3.0198	-1.8410	1.0000	28.0644	3.4891	1.00000
400	3.1455	-1.9659	1.0000	29.0746	3.4952	1.00000
500	3.2440	-2.0628	1.0000	29.8685	3.5074	1.00000
600	3.3256	-2.1420	1.0000	30.5282	3.5270	1.00000
700	3.3955	-2.2089	1.0000	31.0995	3.5516	1.00000
800	3.4572	-2.2670	1.0000	31.6044	3.5817	1.00000
900	3.5121	-2.3182	1.0000	32.0603	3.6129	1.00000
1000	3.5619	-2.3639	1.0000	32.4757	3.6467	1.00000
1100	3.6071	-2.4052	1.0000	32.8579	3.6791	1.00000
1200	3.6488	-2.4430	1.0000	33.2134	3.7122	1.00000
1300	3.6874	-2.4778	1.0000	33.5443	3.7452	1.00000
1400	3.7234	-2.5100	1.0000	33.8555	3.7778	1.00000
1500	3.7570	-2.5400	1.0000	34.1499	3.8098	1.00001
1600	3.7888	-2.5680	1.0000	34.4296	3.8428	1.00003
1700	3.8189	-2.5943	1.0001	34.6971	3.8766	1.00008
1800	3.8477	-2.6192	1.0002	34.9558	3.9123	1.00021
1900	3.8758	-2.6428	1.0005	35.2097	3.9537	1.00053
2000	3.9036	-2.6654	1.0012	35.4644	4.0046	1.00119
2100	3.9319	-2.6871	1.0025	35.7280	4.0709	1.00247
2200	3.9619	-2.7083	1.0048	36.0111	4.1632	1.00476
2300	3.9943	-2.7293	1.0087	36.3270	4.2910	1.00865
2400	4.0304	-2.7505	1.0148	36.6915	4.4692	1.01484
2500	4.0711	-2.7722	1.0242	37.1207	4.7116	1.02416
2600	4.1163	-2.7948	1.0374	37.6272	5.0275	1.03740
2700	4.1651	-2.8184	1.0549	38.2138	5.4167	1.05494
2800	4.2155	-2.8430	1.0765	38.8680	5.8664	1.07653
2900	4.2644	-2.8680	1.1008	39.5540	6.3382	1.10080
3000	4.3084	-2.8923	1.1253	40.2197	6.7812	1.12533
3100	4.3453	-2.9149	1.1474	40.8099	7.1432	1.14739
3200	4.3743	-2.9354	1.1652	41.2966	7.3986	1.16519
3300	4.3966	-2.9536	1.1783	41.6802	7.5520	1.17833
3400	4.4139	-2.9700	1.1876	41.9822	7.6277	1.18758
3500	4.4278	-2.9849	1.1940	42.2278	7.6512	1.19402
3600	4.4398	-2.9988	1.1986	42.4386	7.6468	1.19862
3700	4.4507	-3.0120	1.2022	42.6305	7.6289	1.20218
3800	4.4612	-3.0247	1.2052	42.8146	7.6103	1.20522
3900	4.4718	-3.0371	1.2082	42.9996	7.5979	1.20816
4000	4.4828	-3.0492	1.2113	43.1926	7.5981	1.21133
4100	4.4946	-3.0612	1.2150	43.4002	7.6179	1.21503
4200	4.5076	-3.0733	1.2196	43.6290	7.6625	1.21955
4300	4.5222	-3.0855	1.2252	43.8864	7.7393	1.22523
4400	4.5385	-3.0981	1.2324	44.1794	7.8529	1.23240
4500	4.5570	-3.1110	1.2414	44.5173	8.0129	1.24145

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.5779	-3.1245	1.2528	44.9079	8.2250	1.25280
4700	4.6014	-3.1387	1.2669	45.3612	8.4984	1.26691
4800	4.6278	-3.1538	1.2843	45.8872	8.8420	1.28430
4900	4.6570	-3.1598	1.3055	46.4951	9.2638	1.30546
5000	4.6893	-3.1870	1.3310	47.2017	9.7788	1.33096
5100	4.7235	-3.2053	1.3610	47.9961	10.3737	1.36104
5200	4.7597	-3.2248	1.3960	48.8895	11.0594	1.39605
5300	4.7974	-3.2453	1.4361	49.8811	11.8334	1.43610
5400	4.8356	-3.2658	1.4809	50.9606	12.6839	1.48087
5500	4.8737	-3.2888	1.5298	52.1122	13.5947	1.52976
5600	4.9106	-3.3111	1.5814	53.3043	14.5332	1.58137
5700	4.9454	-3.3331	1.6344	54.5075	15.4708	1.63437
5800	4.9774	-3.3543	1.6867	55.6799	16.3663	1.68672
5900	5.0060	-3.3744	1.7366	56.7866	17.1860	1.73665
6000	5.0309	-3.3930	1.7822	57.7915	17.8955	1.78223
6100	5.0521	-3.4099	1.8225	58.6786	18.4820	1.82250
6200	5.0698	-3.4250	1.8569	59.4409	18.9400	1.85693
6300	5.0844	-3.4386	1.8856	60.0842	19.2776	1.88558
6400	5.0964	-3.4508	1.9089	60.6195	19.5074	1.90888
6500	5.1063	-3.4518	1.9277	61.0659	19.6501	1.92769
6600	5.1145	-3.4718	1.9427	61.4387	19.7222	1.94271
6700	5.1214	-3.4810	1.9546	61.7529	19.7397	1.95465
6800	5.1274	-3.4896	1.9643	62.0236	19.7179	1.96426
6900	5.1326	-3.4976	1.9720	62.2608	19.6677	1.97205
7000	5.1373	-3.5053	1.9785	62.4744	19.5987	1.97853
7100	5.1417	-3.5127	1.9840	62.6709	19.5177	1.98402
7200	5.1458	-3.5198	1.9888	62.8564	19.4308	1.98886
7300	5.1498	-3.5257	1.9932	63.0352	19.3423	1.99326
7400	5.1538	-3.5336	1.9974	63.2114	19.2558	1.99746
7500	5.1578	-3.5403	2.0015	63.3876	19.1739	2.00157
7600	5.1618	-3.5459	2.0057	63.5663	19.0992	2.00576
7700	5.1660	-3.5536	2.0101	63.7497	19.0335	2.01011
7800	5.1704	-3.5602	2.0147	63.9397	18.9782	2.01476
7900	5.1749	-3.5668	2.0197	64.1381	18.9351	2.01979
8000	5.1797	-3.5734	2.0252	64.3464	18.9055	2.02528
8100	5.1847	-3.5801	2.0312	64.5660	18.8902	2.03132
8200	5.1901	-3.5868	2.0379	64.7986	18.8911	2.03799
8300	5.1957	-3.5937	2.0452	65.0454	18.9089	2.04538
8400	5.2018	-3.6006	2.0534	65.3081	18.9450	2.05356
8500	5.2082	-3.6076	2.0624	65.5880	19.0004	2.06263
8600	5.2150	-3.6148	2.0724	65.8865	19.0763	2.07266
8700	5.2222	-3.6222	2.0834	66.2052	19.1738	2.08374
8800	5.2299	-3.6296	2.0956	66.5456	19.2944	2.09596
8900	5.2381	-3.6373	2.1090	66.9090	19.4391	2.10941
9000	5.2467	-3.6452	2.1237	67.2970	19.6090	2.12421
9100	5.2558	-3.6533	2.1398	67.7112	19.8056	2.14042
9200	5.2655	-3.6616	2.1575	68.1529	20.0296	2.15814
9300	5.2756	-3.6701	2.1767	68.6236	20.2824	2.17750
9400	5.2863	-3.6789	2.1977	69.1248	20.5653	2.19856
9500	5.2974	-3.6880	2.2204	69.6575	20.8788	2.22142
9600	5.3091	-3.6973	2.2450	70.2232	21.2242	2.24620
9700	5.3213	-3.7070	2.2716	70.8230	21.6020	2.27295
9800	5.3339	-3.7159	2.3003	71.4574	22.0127	2.30174
9900	5.3470	-3.7270	2.3310	72.1277	22.4575	2.33270
10000	5.3605	-3.7375	2.3640	72.8342	22.9358	2.36583

LOG P=-1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10100	5.3744	-3.7482	2.3991	73.5764	23.4475	2.40117
10200	5.3887	-3.7592	2.4365	74.3553	23.9925	2.43879
10300	5.4032	-3.7705	2.4761	75.1687	24.5692	2.47861
10400	5.4180	-3.7819	2.5179	76.0172	25.1773	2.52069
10500	5.4330	-3.7936	2.5619	76.8981	25.8140	2.56492
10600	5.4482	-3.8055	2.6079	77.8100	26.4782	2.61124
10700	5.4634	-3.8175	2.6559	78.7501	27.1667	2.65952
10800	5.4786	-3.8296	2.7057	79.7151	27.8755	2.70960
10900	5.4938	-3.8417	2.7570	80.7004	28.6005	2.76126
11000	5.5088	-3.8539	2.8097	81.7023	29.3377	2.81427
11100	5.5236	-3.8661	2.8636	82.7164	30.0829	2.86841
11200	5.5382	-3.8782	2.9181	83.7363	30.8295	2.92331
11300	5.5524	-3.8902	2.9732	84.7567	31.5725	2.97867
11400	5.5662	-3.9020	3.0283	85.7718	32.3061	3.03414
11500	5.5796	-3.9136	3.0833	86.7770	33.0259	3.08943
11600	5.5924	-3.9249	3.1377	87.7644	33.7243	3.14408
11700	5.6047	-3.9360	3.1912	88.7308	34.3980	3.19784
11800	5.6165	-3.9467	3.2434	89.6692	35.0413	3.25030
11900	5.6275	-3.9571	3.2941	90.5769	35.6509	3.30125
12000	5.6382	-3.9672	3.3430	91.4500	36.2234	3.35042
12100	5.6481	-3.9768	3.3899	92.2842	36.7549	3.39752
12200	5.6574	-3.9851	3.4346	93.0786	37.2443	3.44244
12300	5.6661	-3.9950	3.4770	93.8309	37.6910	3.48501
12400	5.6743	-4.0034	3.5170	94.5400	38.0932	3.52514
12500	5.6818	-4.0115	3.5546	95.2065	38.4529	3.56279
12600	5.6889	-4.0193	3.5896	95.8304	38.7690	3.59796
12700	5.6954	-4.0256	3.6223	96.4133	39.0444	3.63069
12800	5.7014	-4.0337	3.6525	96.9559	39.2796	3.66101
12900	5.7069	-4.0404	3.6805	97.4604	39.4778	3.68903
13000	5.7121	-4.0467	3.7062	97.9283	39.6402	3.71480
13100	5.7168	-4.0528	3.7299	98.3616	39.7692	3.73846
13200	5.7212	-4.0586	3.7516	98.7634	39.8688	3.76016
13300	5.7253	-4.0642	3.7714	99.1353	39.9391	3.77997
13400	5.7290	-4.0695	3.7895	99.4796	39.9842	3.79806
13500	5.7325	-4.0747	3.8060	99.7988	40.0060	3.81455
13600	5.7357	-4.0796	3.8211	100.0947	40.0065	3.82955
13700	5.7386	-4.0843	3.8347	100.3690	39.9878	3.84318
13800	5.7414	-4.0889	3.8472	100.6242	39.9522	3.85556
13900	5.7440	-4.0933	3.8585	100.8615	39.9014	3.86679
14000	5.7466	-4.0976	3.8687	101.1017	39.8559	3.87699
14100	5.7487	-4.1017	3.8780	101.2898	39.7607	3.88625
14200	5.7508	-4.1057	3.8865	101.4838	39.6737	3.89464
14300	5.7528	-4.1096	3.8942	101.6656	39.5776	3.90225
14400	5.7547	-4.1134	3.9012	101.8371	39.4734	3.90917
14500	5.7564	-4.1171	3.9075	101.9986	39.3623	3.91544
14600	5.7581	-4.1208	3.9133	102.1513	39.2449	3.92112
14700	5.7597	-4.1243	3.9185	102.2964	39.1225	3.92630
14800	5.7613	-4.1278	3.9233	102.4345	38.9954	3.93101
14900	5.7627	-4.1312	3.9277	102.5660	38.8647	3.93529
15000	5.7642	-4.1345	3.9317	102.6918	38.7310	3.93919

LOG P=-1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5415	-1.2636	0.9993	23.9965	3.4792	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8434	-1.5548	0.9999	26.4159	3.4860	1.00000
300	3.0198	-1.7410	1.0000	27.8338	3.4891	1.00000
400	3.1455	-1.8659	1.0000	28.8446	3.4952	1.00000
500	3.2440	-1.9528	1.0000	29.6383	3.5074	1.00000
600	3.3256	-2.0420	1.0000	30.2977	3.5270	1.00000
700	3.3955	-2.1089	1.0000	30.8690	3.5515	1.00000
800	3.4572	-2.1670	1.0000	31.3740	3.5817	1.00000
900	3.5121	-2.2181	1.0000	31.8298	3.6129	1.00000
1000	3.5619	-2.2639	1.0000	32.2453	3.6467	1.00000
1100	3.6071	-2.3052	1.0000	32.6275	3.6791	1.00000
1200	3.6488	-2.3430	1.0000	32.9829	3.7122	1.00000
1300	3.6874	-2.3778	1.0000	33.3139	3.7452	1.00000
1400	3.7234	-2.4100	1.0000	33.6249	3.7778	1.00000
1500	3.7570	-2.4400	1.0000	33.9197	3.8098	1.00001
1600	3.7888	-2.4680	1.0000	34.1992	3.8427	1.00002
1700	3.8189	-2.4943	1.0001	34.4665	3.8763	1.00007
1800	3.8476	-2.5192	1.0002	34.7246	3.9115	1.00019
1900	3.8755	-2.5429	1.0005	34.9774	3.9518	1.00047
2000	3.9032	-2.5654	1.0011	35.2300	4.0006	1.00107
2100	3.9311	-2.5870	1.0022	35.4894	4.0631	1.00220
2200	3.9604	-2.6081	1.0043	35.7654	4.1489	1.00425
2300	3.9918	-2.6289	1.0077	36.0713	4.2664	1.00773
2400	4.0265	-2.6498	1.0133	36.4181	4.4293	1.01327
2500	4.0654	-2.6711	1.0217	36.8241	4.6505	1.02166
2600	4.1087	-2.6932	1.0336	37.3010	4.9397	1.03364
2700	4.1555	-2.7163	1.0497	37.8538	5.2991	1.04970
2800	4.2046	-2.7403	1.0699	38.4754	5.7209	1.06980
2900	4.2530	-2.7648	1.0929	39.1379	6.1748	1.09293
3000	4.2978	-2.7891	1.1171	39.7973	6.6170	1.11709
3100	4.3362	-2.8120	1.1397	40.3995	6.9962	1.13970
3200	4.3673	-2.8330	1.1587	40.9103	7.2799	1.15871
3300	4.3914	-2.8518	1.1733	41.3205	7.4630	1.17326
3400	4.4102	-2.8686	1.1838	41.6449	7.5635	1.18377
3500	4.4252	-2.8839	1.1912	41.9067	7.6048	1.19116
3600	4.4378	-2.8980	1.1964	42.1278	7.6117	1.19644
3700	4.4490	-2.9114	1.2004	42.3251	7.6002	1.20041
3800	4.4597	-2.9242	1.2037	42.5110	7.5841	1.20370
3900	4.4702	-2.9365	1.2067	42.6946	7.5709	1.20672
4000	4.4810	-2.9486	1.2098	42.8833	7.5675	1.20983
4100	4.4925	-2.9606	1.2134	43.0835	7.5808	1.21336
4200	4.5050	-2.9726	1.2176	43.3016	7.6157	1.21755
4300	4.5188	-2.9847	1.2228	43.5445	7.6792	1.22275
4400	4.5342	-2.9970	1.2292	43.8187	7.7754	1.22925
4500	4.5516	-3.0096	1.2374	44.1323	7.9133	1.23741
4600	4.5711	-3.0227	1.2476	44.4930	8.0978	1.24762
4700	4.5931	-3.0364	1.2603	44.9095	8.3377	1.26030
4800	4.6178	-3.0509	1.2759	45.3912	8.6408	1.27592
4900	4.6452	-3.0663	1.2950	45.9471	9.0151	1.29496
5000	4.6756	-3.0827	1.3179	46.5934	9.4755	1.31794
5100	4.7080	-3.1002	1.3451	47.3203	10.0096	1.34514
5200	4.7425	-3.1188	1.3770	48.1404	10.6296	1.37697
5300	4.7787	-3.1385	1.4136	49.0552	11.3357	1.41364
5400	4.8159	-3.1591	1.4550	50.0589	12.1203	1.45499
5500	4.8534	-3.1805	1.5007	51.1412	12.9728	1.50073
5600	4.8902	-3.2023	1.5498	52.2777	13.8676	1.54978

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	4.9256	-3.2242	1.6011	53.4457	14.7819	1.60114
5800	4.9587	-3.2456	1.6530	54.6073	15.6783	1.65302
5900	4.9890	-3.2661	1.7037	55.7290	16.5244	1.70375
6000	5.0158	-3.2854	1.7513	56.7719	17.2828	1.75129
6100	5.0390	-3.3031	1.7944	57.7140	17.9337	1.79442
6200	5.0587	-3.3192	1.8322	58.5411	18.4650	1.83224
6300	5.0753	-3.3338	1.8645	59.2511	18.8763	1.86445
6400	5.0889	-3.3468	1.8911	59.8492	19.1746	1.89115
6500	5.1002	-3.3585	1.9130	60.3516	19.3779	1.91303
6600	5.1096	-3.3691	1.9307	60.7717	19.5011	1.93070
6700	5.1174	-3.3788	1.9448	61.1243	19.5599	1.94483
6800	5.1241	-3.3878	1.9562	61.4254	19.5710	1.95622
6900	5.1299	-3.3952	1.9654	61.6857	19.5458	1.96539
7000	5.1350	-3.4041	1.9729	61.9167	19.4958	1.97295
7100	5.1397	-3.4116	1.9792	62.1255	19.4286	1.97925
7200	5.1440	-3.4189	1.9847	62.3191	19.3510	1.98468
7300	5.1482	-3.4259	1.9895	62.5025	19.2680	1.98947
7400	5.1522	-3.4328	1.9939	62.6804	19.1842	1.99390
7500	5.1562	-3.4395	1.9981	62.8557	19.1026	1.99812
7600	5.1602	-3.4462	2.0022	63.0314	19.0258	2.00228
7700	5.1642	-3.4528	2.0065	63.2096	18.9557	2.00651
7800	5.1684	-3.4593	2.0109	63.3925	18.8945	2.01093
7900	5.1728	-3.4659	2.0156	63.5819	18.8436	2.01563
8000	5.1773	-3.4724	2.0206	63.7793	18.8043	2.02071
8100	5.1821	-3.4790	2.0261	63.9863	18.7778	2.02624
8200	5.1872	-3.4856	2.0322	64.2043	18.7655	2.03231
8300	5.1925	-3.4923	2.0388	64.4346	18.7683	2.03899
8400	5.1982	-3.4991	2.0462	64.6787	18.7877	2.04637
8500	5.2041	-3.5059	2.0543	64.9379	18.8243	2.05452
8600	5.2105	-3.5129	2.0633	65.2135	18.8794	2.06352
8700	5.2172	-3.5200	2.0731	65.5070	18.9542	2.07345
8800	5.2244	-3.5272	2.0840	65.8195	19.0497	2.08440
8900	5.2319	-3.5346	2.0960	66.1526	19.1669	2.09644
9000	5.2400	-3.5422	2.1092	66.5076	19.3069	2.10957
9100	5.2484	-3.5500	2.1236	66.8860	19.4710	2.12418
9200	5.2574	-3.5579	2.1394	67.2888	19.6601	2.14004
9300	5.2668	-3.5661	2.1566	67.7177	19.8752	2.15736
9400	5.2767	-3.5745	2.1754	68.1741	20.1179	2.17622
9500	5.2871	-3.5832	2.1957	68.6588	20.3883	2.19670
9600	5.2980	-3.5920	2.2178	69.1734	20.6878	2.21891
9700	5.3093	-3.6012	2.2417	69.7189	21.0171	2.24292
9800	5.3212	-3.6106	2.2674	70.2960	21.3768	2.26880
9900	5.3335	-3.6203	2.2951	70.9062	21.7681	2.29665
10000	5.3462	-3.6302	2.3248	71.5499	22.1910	2.32652
10100	5.3593	-3.6404	2.3565	72.2269	22.6453	2.35844
10200	5.3728	-3.6509	2.3903	72.9385	23.1314	2.39251
10300	5.3866	-3.6616	2.4263	73.6834	23.6482	2.42867
10400	5.4008	-3.6726	2.4643	74.4621	24.1957	2.46701
10500	5.4152	-3.6838	2.5045	75.2731	24.7724	2.50745
10600	5.4298	-3.6952	2.5468	76.1156	25.3772	2.54998
10700	5.4445	-3.7067	2.5910	76.9874	26.0077	2.59451
10800	5.4593	-3.7184	2.6371	77.8864	26.6617	2.64094
10900	5.4742	-3.7302	2.6850	78.8093	27.3360	2.68912
11000	5.4890	-3.7421	2.7344	79.7531	28.0269	2.73888
11100	5.5037	-3.7540	2.7853	80.7145	28.7314	2.79006

LOG P=-1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.5182	-3.7660	2.8372	81.5882	29.4444	2.84234
11300	5.5325	-3.7778	2.8900	82.6698	30.1612	2.89550
11400	5.5465	-3.7896	2.9434	83.6545	30.8771	2.94927
11500	5.5602	-3.8013	2.9972	84.6379	31.5876	3.00335
11600	5.5735	-3.8127	3.0509	85.6132	32.2867	3.05735
11700	5.5863	-3.8240	3.1042	86.5768	32.9694	3.11103
11800	5.5986	-3.8350	3.1569	87.5213	33.6306	3.16395
11900	5.6104	-3.8457	3.2085	88.4435	34.2664	3.21589
12000	5.6217	-3.8561	3.2589	89.3396	34.8731	3.26657
12100	5.6323	-3.8662	3.3077	90.2038	35.4454	3.31563
12200	5.6425	-3.8759	3.3548	91.0349	35.9826	3.36295
12300	5.6520	-3.8852	3.3999	91.8290	36.4809	3.40826
12400	5.6609	-3.8942	3.4429	92.5846	36.9394	3.45143
12500	5.6693	-3.9028	3.4837	93.3012	37.3578	3.49238
12600	5.6771	-3.9110	3.5221	93.9773	37.7347	3.53101
12700	5.6844	-3.9189	3.5583	94.6139	38.0716	3.56732
12800	5.6912	-3.9264	3.5922	95.2105	38.3685	3.60125
12900	5.6975	-3.9336	3.6237	95.7689	38.6274	3.63289
13000	5.7033	-3.9405	3.6530	96.2895	38.8489	3.66224
13100	5.7087	-3.9470	3.6801	96.7740	39.0350	3.68939
13200	5.7137	-3.9532	3.7051	97.2249	39.1885	3.71445
13300	5.7184	-3.9592	3.7282	97.6439	39.3110	3.73751
13400	5.7227	-3.9649	3.7493	98.0328	39.4052	3.75859
13500	5.7266	-3.9704	3.7688	98.3939	39.4730	3.77811
13600	5.7303	-3.9756	3.7866	98.7290	39.5164	3.79587
13700	5.7337	-3.9807	3.8028	99.0400	39.5380	3.81208
13800	5.7369	-3.9855	3.8176	99.3292	39.5392	3.82687
13900	5.7399	-3.9902	3.8312	99.5979	39.5228	3.84036
14000	5.7428	-3.9947	3.8435	99.8669	39.5085	3.85263
14100	5.7452	-3.9991	3.8547	100.0819	39.4427	3.86382
14200	5.7476	-4.0033	3.8650	100.3004	39.3827	3.87400
14300	5.7498	-4.0074	3.8743	100.5046	39.3106	3.88326
14400	5.7520	-4.0114	3.8828	100.6966	39.2286	3.89169
14500	5.7540	-4.0152	3.8906	100.8771	39.1382	3.89935
14600	5.7559	-4.0190	3.8976	101.0468	39.0394	3.90631
14700	5.7576	-4.0227	3.9040	101.2076	38.9341	3.91266
14800	5.7594	-4.0263	3.9099	101.3599	38.8229	3.91845
14900	5.7610	-4.0298	3.9153	101.5043	38.7060	3.92371
15000	5.7625	-4.0333	3.9201	101.6418	38.5852	3.92852

LOG P=-1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5414	-1.1635	0.9991	23.7658	3.4787	1.00000
200	2.8433	-1.4648	0.9999	26.1855	3.4859	1.00000
300	3.0198	-1.5410	1.0000	27.6033	3.4890	1.00000
400	3.1455	-1.7659	1.0000	28.6144	3.4952	1.00000
500	3.2440	-1.8628	1.0000	29.4077	3.5074	1.00000
600	3.3256	-1.9420	1.0000	30.0675	3.5270	1.00000
700	3.3955	-2.0089	1.0000	30.6385	3.5516	1.00000
800	3.4572	-2.0570	1.0000	31.1441	3.5817	1.00000
900	3.5121	-2.1181	1.0000	31.5996	3.6129	1.00000
1000	3.5619	-2.1639	1.0000	32.0146	3.6467	1.00000
1100	3.6071	-2.2052	1.0000	32.3970	3.6791	1.00000
1200	3.6488	-2.2430	1.0000	32.7529	3.7122	1.00000

LOG P=-1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1300	3.6874	-2.2778	1.0000	33.0839	3.7452	1.00000
1400	3.7234	-2.3100	1.0000	33.3949	3.7778	1.00000
1500	3.7570	-2.3400	1.0000	33.6893	3.8097	1.00001
1600	3.7887	-2.3680	1.0000	33.9688	3.8426	1.00002
1700	3.8188	-2.3943	1.0001	34.2359	3.8760	1.00006
1800	3.8475	-2.4192	1.0002	34.4936	3.9107	1.00017
1900	3.8754	-2.4428	1.0004	34.7454	3.9501	1.00042
2000	3.9028	-2.4653	1.0010	34.9960	3.9971	1.00095
2100	3.9303	-2.4869	1.0020	35.2517	4.0562	1.00196
2200	3.9590	-2.5079	1.0038	35.5215	4.1362	1.00379
2300	3.9895	-2.5286	1.0069	35.8163	4.2444	1.00690
2400	4.0230	-2.5492	1.0119	36.1491	4.3934	1.01187
2500	4.0603	-2.5701	1.0194	36.5341	4.5955	1.01941
2600	4.1016	-2.5918	1.0302	36.9837	4.8600	1.03023
2700	4.1466	-2.6143	1.0449	37.5045	5.1909	1.04488
2800	4.1941	-2.6377	1.0635	38.0934	5.5845	1.06349
2900	4.2418	-2.6518	1.0854	38.7298	6.0175	1.08536
3000	4.2869	-2.6859	1.1089	39.3773	6.4532	1.10888
3100	4.3266	-2.7090	1.1317	39.9852	6.8433	1.13172
3200	4.3595	-2.7304	1.1517	40.5157	7.1513	1.15172
3300	4.3856	-2.7497	1.1676	40.9514	7.3635	1.16761
3400	4.4060	-2.7670	1.1794	41.2995	7.4901	1.17943
3500	4.4221	-2.7827	1.1879	41.5794	7.5514	1.18787
3600	4.4355	-2.7971	1.1939	41.8126	7.5718	1.19393
3700	4.4472	-2.8107	1.1984	42.0170	7.5682	1.19841
3800	4.4581	-2.8235	1.2020	42.2062	7.5562	1.20201
3900	4.4686	-2.8360	1.2052	42.3896	7.5435	1.20518
4000	4.4793	-2.8481	1.2083	42.5751	7.5377	1.20830
4100	4.4905	-2.8600	1.2117	42.7693	7.5458	1.21170
4200	4.5025	-2.8719	1.2156	42.9782	7.5725	1.21563
4300	4.5157	-2.8838	1.2204	43.2084	7.6244	1.22042
4400	4.5302	-2.8959	1.2263	43.4658	7.7053	1.22633
4500	4.5466	-2.9083	1.2337	43.7580	7.8236	1.23372
4600	4.5650	-2.9211	1.2429	44.0919	7.9835	1.24292
4700	4.5856	-2.9344	1.2543	44.4755	8.1932	1.25432
4800	4.6086	-2.9483	1.2684	44.9176	8.4600	1.26836
4900	4.6342	-2.9631	1.2855	45.4263	8.7913	1.28547
5000	4.6629	-2.9788	1.3062	46.0178	9.2019	1.30616
5100	4.6934	-2.9955	1.3307	46.6826	9.6797	1.33072
5200	4.7262	-3.0133	1.3596	47.4340	10.2382	1.35958
5300	4.7609	-3.0321	1.3930	48.2755	10.8791	1.39301
5400	4.7968	-3.0519	1.4310	49.2047	11.5983	1.43102
5500	4.8334	-3.0726	1.4735	50.2157	12.3896	1.47350
5600	4.8699	-3.0938	1.5197	51.2901	13.2332	1.51968
5700	4.9055	-3.1153	1.5688	52.4108	14.1116	1.56883
5800	4.9393	-3.1367	1.6195	53.5460	14.9937	1.61949
5900	4.9709	-3.1575	1.6702	54.6658	15.8496	1.67017
6000	4.9993	-3.1773	1.7189	55.7310	16.6414	1.71889
6100	5.0245	-3.1957	1.7643	55.7159	17.3453	1.76426
6200	5.0463	-3.2127	1.8051	57.5996	17.9423	1.80506
6300	5.0647	-3.2282	1.8407	58.3729	18.4247	1.84065
6400	5.0802	-3.2421	1.8708	59.0346	18.7931	1.87078
6500	5.0931	-3.2546	1.8959	59.5962	19.0612	1.89592
6600	5.1038	-3.2659	1.9165	60.0686	19.2412	1.91651
6700	5.1127	-3.2762	1.9331	60.4652	19.3475	1.93314

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6800	5.1203	-3.2856	1.9466	60.8023	19.3974	1.94652
6900	5.1267	-3.2944	1.9575	61.0910	19.4029	1.95747
7000	5.1324	-3.3026	1.9664	61.3438	19.3766	1.96636
7100	5.1374	-3.3104	1.9737	61.5686	19.3268	1.97369
7200	5.1420	-3.3178	1.9799	61.7736	19.2619	1.97988
7300	5.1463	-3.3250	1.9852	61.9644	19.1877	1.98522
7400	5.1505	-3.3319	1.9900	62.1465	19.1091	1.99002
7500	5.1545	-3.3387	1.9944	62.3231	19.0298	1.99446
7600	5.1585	-3.3454	1.9987	62.4977	18.9528	1.99871
7700	5.1625	-3.3520	2.0029	62.6726	18.8803	2.00291
7800	5.1666	-3.3585	2.0071	62.8502	18.8149	2.00720
7900	5.1708	-3.3650	2.0116	63.0325	18.7577	2.01167
8000	5.1752	-3.3715	2.0163	63.2210	18.7107	2.01642
8100	5.1797	-3.3780	2.0214	63.4172	18.6747	2.02154
8200	5.1845	-3.3845	2.0270	63.6227	18.6511	2.02710
8300	5.1895	-3.3911	2.0330	63.8386	18.6410	2.03317
8400	5.1949	-3.3977	2.0397	64.0665	18.6457	2.03986
8500	5.2005	-3.4044	2.0470	64.3075	18.6658	2.04721
8600	5.2064	-3.4112	2.0551	64.5628	18.7027	2.05530
8700	5.2127	-3.4181	2.0639	64.8338	18.7573	2.06422
8800	5.2193	-3.4251	2.0737	65.1216	18.8302	2.07403
8900	5.2264	-3.4322	2.0844	65.4278	18.9233	2.08483
9000	5.2338	-3.4395	2.0962	65.7533	19.0367	2.09667
9100	5.2417	-3.4470	2.1091	66.0995	19.1720	2.10964
9200	5.2500	-3.4546	2.1232	66.4677	19.3298	2.12384
9300	5.2588	-3.4625	2.1386	66.8591	19.5112	2.13933
9400	5.2680	-3.4705	2.1554	67.2751	19.7175	2.15621
9500	5.2776	-3.4788	2.1736	67.7165	19.9492	2.17455
9600	5.2878	-3.4872	2.1934	68.1850	20.2075	2.19444
9700	5.2984	-3.4960	2.2148	68.6813	20.4929	2.21597
9800	5.3094	-3.5049	2.2379	69.2065	20.8064	2.23920
9900	5.3209	-3.5141	2.2627	69.7617	21.1487	2.26422
10000	5.3328	-3.5236	2.2894	70.3477	21.5202	2.29110
10100	5.3452	-3.5333	2.3180	70.9646	21.9211	2.31987
10200	5.3579	-3.5432	2.3485	71.6136	22.3520	2.35062
10300	5.3710	-3.5535	2.3810	72.2940	22.8121	2.38335
10400	5.3844	-3.5639	2.4156	73.0066	23.3020	2.41813
10500	5.3981	-3.5746	2.4521	73.7505	23.8203	2.45494
10600	5.4121	-3.5855	2.4906	74.5252	24.3667	2.49377
10700	5.4263	-3.5966	2.5312	75.3296	24.9394	2.53458
10800	5.4406	-3.6078	2.5736	76.1623	25.5374	2.57734
10900	5.4550	-3.6192	2.6179	77.0210	26.1582	2.62193
11000	5.4695	-3.6308	2.6639	77.9032	26.7985	2.66823
11100	5.4840	-3.6424	2.7114	78.8070	27.4567	2.71615
11200	5.4984	-3.6540	2.7604	79.7278	28.1283	2.76544
11300	5.5126	-3.6657	2.8105	80.6623	28.8096	2.81591
11400	5.5267	-3.6774	2.8616	81.6063	29.4967	2.86735
11500	5.5405	-3.6889	2.9134	82.5563	30.1860	2.91952
11600	5.5540	-3.7004	2.9656	83.5056	30.8709	2.97206
11700	5.5672	-3.7117	3.0179	84.4516	31.5486	3.02476
11800	5.5799	-3.7229	3.0700	85.3873	32.2131	3.07724
11900	5.5922	-3.7338	3.1217	86.3096	32.8608	3.12927
12000	5.6041	-3.7445	3.1727	87.2140	33.4877	3.18057
12100	5.6154	-3.7548	3.2226	88.0948	34.0884	3.23075
12200	5.6262	-3.7649	3.2713	88.9500	34.6604	3.27968

LOG P=-1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12300	5.6365	-3.7747	3.3183	89.7750	35.2005	3.32703
12400	5.6462	-3.7841	3.3637	90.5672	35.7054	3.37264
12500	5.6553	-3.7932	3.4072	91.3254	36.1750	3.41635
12600	5.6639	-3.8019	3.4487	92.0470	36.6068	3.45801
12700	5.6720	-3.8102	3.4880	92.7316	37.0003	3.49753
12800	5.6796	-3.8182	3.5252	93.3782	37.3557	3.53482
12900	5.6866	-3.8259	3.5601	93.9877	37.6734	3.55991
13000	5.6932	-3.8332	3.5929	94.5598	37.9534	3.60276
13100	5.6993	-3.8402	3.6234	95.0954	38.1974	3.63339
13200	5.7050	-3.8469	3.6518	95.5965	38.4074	3.66190
13300	5.7103	-3.8533	3.6782	96.0644	38.5848	3.68834
13400	5.7152	-3.8595	3.7026	96.5002	38.7310	3.71279
13500	5.7197	-3.8653	3.7252	96.9064	38.8488	3.73534
13600	5.7239	-3.8710	3.7460	97.2844	38.9397	3.75612
13700	5.7278	-3.8763	3.7650	97.6358	39.0054	3.77519
13800	5.7315	-3.8815	3.7826	97.9630	39.0489	3.79269
13900	5.7349	-3.8865	3.7986	98.2673	39.0713	3.80871
14000	5.7382	-3.8913	3.8133	98.5691	39.0928	3.82338
14100	5.7410	-3.8959	3.8268	98.8151	39.0608	3.83680
14200	5.7437	-3.9004	3.8391	99.0621	39.0316	3.84905
14300	5.7463	-3.9047	3.8503	99.2926	38.9886	3.86023
14400	5.7487	-3.9089	3.8606	99.5088	38.9328	3.87043
14500	5.7509	-3.9129	3.8700	99.7114	38.8664	3.87975
14600	5.7531	-3.9169	3.8786	99.9015	38.7899	3.88823
14700	5.7551	-3.9207	3.8864	100.0809	38.7046	3.89598
14800	5.7570	-3.9245	3.8936	100.2502	38.6119	3.90305
14900	5.7588	-3.9281	3.9001	100.4102	38.5121	3.90950
15000	5.7605	-3.9317	3.9061	100.5619	38.4064	3.91540

LOG P=-1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5414	-1.0634	0.9990	23.5351	3.4783	1.00000
200	2.8433	-1.3648	0.9999	25.9547	3.4858	1.00000
300	3.0198	-1.5410	1.0000	27.3732	3.4890	1.00000
400	3.1455	-1.6659	1.0000	28.3839	3.4951	1.00000
500	3.2440	-1.7528	1.0000	29.1774	3.5074	1.00000
600	3.3256	-1.8420	1.0000	29.8376	3.5270	1.00000
700	3.3955	-1.9089	1.0000	30.4085	3.5516	1.00000
800	3.4572	-1.9670	1.0000	30.9139	3.5817	1.00000
900	3.5121	-2.0181	1.0000	31.3697	3.6129	1.00000
1000	3.5619	-2.0639	1.0000	31.7841	3.6467	1.00000
1100	3.6071	-2.1052	1.0000	32.1670	3.6791	1.00000
1200	3.6488	-2.1430	1.0000	32.5227	3.7122	1.00000
1300	3.6874	-2.1778	1.0000	32.8538	3.7452	1.00000
1400	3.7234	-2.2100	1.0000	33.1650	3.7778	1.00000
1500	3.7570	-2.2400	1.0000	33.4591	3.8097	1.00000
1600	3.7887	-2.2680	1.0000	33.7385	3.8425	1.00002
1700	3.8188	-2.2943	1.0001	34.0054	3.8758	1.00005
1800	3.8475	-2.3192	1.0002	34.2627	3.9101	1.00015
1900	3.8752	-2.3428	1.0004	34.5136	3.9486	1.00037
2000	3.9024	-2.3653	1.0009	34.7623	3.9939	1.00084
2100	3.9297	-2.3868	1.0018	35.0149	4.0500	1.00175
2200	3.9578	-2.4077	1.0034	35.2791	4.1248	1.00338
2300	3.9875	-2.4283	1.0062	35.5649	4.2247	1.00615

LOG P=-1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2400	4.0198	-2.4487	1.0106	35.8842	4.3613	1.01060
2500	4.0556	-2.4593	1.0174	36.2500	4.5460	1.01737
2600	4.0951	-2.4905	1.0272	36.6745	4.7877	1.02715
2700	4.1382	-2.5125	1.0405	37.1652	5.0917	1.04047
2800	4.1842	-2.5353	1.0576	37.7222	5.4575	1.05761
2900	4.2308	-2.5589	1.0781	38.3307	5.8674	1.07815
3000	4.2759	-2.5827	1.1008	38.9615	6.2919	1.10081
3100	4.3166	-2.6058	1.1236	39.5690	6.6869	1.12357
3200	4.3511	-2.6275	1.1443	40.1145	7.0145	1.14429
3300	4.3791	-2.6474	1.1614	40.5735	7.2537	1.16140
3400	4.4011	-2.6652	1.1745	40.9455	7.4071	1.17452
3500	4.4186	-2.6813	1.1841	41.2450	7.4902	1.18412
3600	4.4329	-2.6961	1.1910	41.4924	7.5262	1.19105
3700	4.4452	-2.7098	1.1962	41.7057	7.5327	1.19615
3800	4.4563	-2.7229	1.2001	41.8994	7.5260	1.20013
3900	4.4670	-2.7354	1.2035	42.0839	7.5152	1.20352
4000	4.4776	-2.7475	1.2067	42.2675	7.5082	1.20670
4100	4.4886	-2.7594	1.2100	42.4570	7.5123	1.21004
4200	4.5002	-2.7712	1.2138	42.6582	7.5321	1.21377
4300	4.5128	-2.7831	1.2182	42.8774	7.5741	1.21821
4400	4.5266	-2.7950	1.2236	43.1200	7.6415	1.22363
4500	4.5421	-2.8071	1.2303	43.3933	7.7425	1.23034
4600	4.5593	-2.8196	1.2386	43.7032	7.8805	1.23864
4700	4.5786	-2.8325	1.2489	44.0575	8.0633	1.24890
4800	4.6002	-2.8460	1.2615	44.4639	8.2975	1.26152
4900	4.6242	-2.8602	1.2769	44.9301	8.5901	1.27691
5000	4.6511	-2.8753	1.2955	45.4718	8.9555	1.29552
5100	4.6799	-2.8912	1.3177	46.0798	9.3820	1.31766
5200	4.7109	-2.9082	1.3438	46.7677	9.8831	1.34376
5300	4.7439	-2.9262	1.3741	47.5401	10.4622	1.37415
5400	4.7784	-2.9451	1.4089	48.3971	11.1177	1.40892
5500	4.8140	-2.9650	1.4481	49.3361	11.8464	1.44812
5600	4.8497	-2.9856	1.4912	50.3440	12.6339	1.49121
5700	4.8852	-3.0066	1.5377	51.4090	13.4678	1.53775
5800	4.9194	-3.0277	1.5866	52.5056	14.3225	1.58658
5900	4.9519	-3.0486	1.6365	53.6080	15.1726	1.63647
6000	4.9818	-3.0687	1.6855	54.6788	15.9810	1.68553
6100	5.0087	-3.0878	1.7324	55.6915	16.7233	1.73237
6200	5.0323	-3.1056	1.7756	56.6206	17.3754	1.77557
6300	5.0528	-3.1219	1.8142	57.4509	17.9233	1.81422
6400	5.0701	-3.1367	1.8477	58.1743	18.3609	1.84769
6500	5.0847	-3.1500	1.8762	58.7971	18.6964	1.87619
6600	5.0969	-3.1621	1.8999	59.3259	18.9377	1.89992
6700	5.1070	-3.1731	1.9193	59.7715	19.0973	1.91932
6800	5.1156	-3.1831	1.9352	60.1499	19.1918	1.93519
6900	5.1229	-3.1923	1.9480	60.4721	19.2334	1.94802
7000	5.1292	-3.2009	1.9585	60.7514	19.2358	1.95851
7100	5.1347	-3.2089	1.9671	60.9965	19.2083	1.96710
7200	5.1397	-3.2166	1.9743	61.2167	19.1602	1.97427
7300	5.1443	-3.2239	1.9803	61.4182	19.0979	1.98035
7400	5.1486	-3.2310	1.9857	61.6073	19.0276	1.98569
7500	5.1527	-3.2379	1.9905	61.7877	18.9530	1.99048
7600	5.1568	-3.2446	1.9949	61.9634	18.8782	1.99494
7700	5.1608	-3.2512	1.9992	62.1370	18.8056	1.99922
7800	5.1648	-3.2577	2.0034	62.3113	18.7377	2.00348

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7900	5.1689	-3.2542	2.0077	62.4882	18.6763	2.00781
8000	5.1731	-3.2706	2.0122	62.6696	18.6232	2.01233
8100	5.1775	-3.2770	2.0170	62.8569	18.5794	2.01712
8200	5.1821	-3.2835	2.0221	63.0517	18.5465	2.02226
8300	5.1868	-3.2899	2.0277	63.2553	18.5254	2.02783
8400	5.1919	-3.2964	2.0338	63.4691	18.5174	2.03392
8500	5.1971	-3.3030	2.0404	63.6940	18.5231	2.04057
8600	5.2027	-3.3096	2.0476	63.9315	18.5439	2.04787
8700	5.2086	-3.3163	2.0556	64.1827	18.5806	2.05590
8800	5.2148	-3.3231	2.0644	64.4487	18.6340	2.06471
8900	5.2214	-3.3301	2.0740	64.7308	18.7051	2.07439
9000	5.2283	-3.3371	2.0846	65.0301	18.7948	2.08500
9100	5.2356	-3.3443	2.0961	65.3478	18.9043	2.09653
9200	5.2433	-3.3517	2.1088	65.6850	19.0342	2.10933
9300	5.2515	-3.3592	2.1225	66.0428	19.1854	2.12320
9400	5.2600	-3.3559	2.1375	66.4227	19.3591	2.13830
9500	5.2690	-3.3748	2.1539	66.8254	19.5559	2.15472
9600	5.2784	-3.3829	2.1715	67.2523	19.7770	2.17253
9700	5.2883	-3.3912	2.1907	67.7043	20.0227	2.19183
9800	5.2986	-3.3998	2.2114	68.1824	20.2942	2.21265
9900	5.3093	-3.4085	2.2337	68.6877	20.5919	2.23510
10000	5.3205	-3.4175	2.2576	69.2211	20.9168	2.25925
10100	5.3321	-3.4258	2.2833	69.7828	21.2686	2.28512
10200	5.3440	-3.4362	2.3108	70.3741	21.6489	2.31283
10300	5.3564	-3.4459	2.3401	70.9947	22.0563	2.34238
10400	5.3691	-3.4559	2.3714	71.6456	22.4920	2.37383
10500	5.3821	-3.4561	2.4045	72.3262	22.9552	2.40722
10600	5.3954	-3.4765	2.4395	73.0365	23.4455	2.44252
10700	5.4089	-3.4871	2.4765	73.7759	23.9623	2.47976
10800	5.4227	-3.4979	2.5153	74.5435	24.5044	2.51891
10900	5.4366	-3.5088	2.5560	75.3376	25.0701	2.55989
11000	5.4506	-3.5199	2.5984	76.1569	25.6579	2.60265
11100	5.4647	-3.5312	2.6425	76.9998	26.2657	2.64712
11200	5.4788	-3.5425	2.6881	77.8630	26.8907	2.69312
11300	5.4929	-3.5539	2.7352	78.7438	27.5296	2.74052
11400	5.5068	-3.5653	2.7834	79.6391	28.1795	2.78915
11500	5.5207	-3.5768	2.8327	80.5458	28.8373	2.83882
11600	5.5342	-3.5881	2.8828	81.4587	29.4978	2.88925
11700	5.5476	-3.5994	2.9334	82.3750	30.1580	2.94025
11800	5.5606	-3.6106	2.9843	83.2893	30.8130	2.99151
11900	5.5733	-3.5216	3.0352	84.1981	31.4589	3.04281
12000	5.5856	-3.6324	3.0859	85.0971	32.0918	3.09385
12100	5.5974	-3.6430	3.1360	85.9804	32.7063	3.14430
12200	5.6088	-3.5534	3.1853	86.8460	33.2997	3.19397
12300	5.6197	-3.5634	3.2336	87.6886	33.8681	3.24253
12400	5.6301	-3.5732	3.2805	88.5051	34.4082	3.28977
12500	5.6400	-3.5827	3.3260	89.2934	34.9183	3.33552
12600	5.6493	-3.5918	3.3698	90.0506	35.3953	3.37957
12700	5.6582	-3.7006	3.4118	90.7755	35.8388	3.42180
12800	5.6665	-3.7091	3.4519	91.4658	36.2465	3.46205
12900	5.6743	-3.7173	3.4899	92.1217	36.6191	3.50029
13000	5.6816	-3.7251	3.5259	92.7422	36.9552	3.53643
13100	5.6885	-3.7326	3.5598	93.3271	37.2561	3.57045
13200	5.6949	-3.7397	3.5916	93.8778	37.5226	3.60237
13300	5.7008	-3.7466	3.6214	94.3950	37.7555	3.63222

LOG P=-1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13400	5.7064	-3.7531	3.6491	94.8791	37.9562	3.66003
13500	5.7116	-3.7594	3.6749	95.3324	38.1266	3.68588
13600	5.7164	-3.7655	3.6988	95.7558	38.2680	3.70986
13700	5.7208	-3.7712	3.7210	96.1506	38.3818	3.73201
13800	5.7250	-3.7768	3.7414	96.5192	38.4708	3.75246
13900	5.7289	-3.7821	3.7602	96.8626	38.5360	3.77128
14000	5.7327	-3.7872	3.7776	97.2009	38.5983	3.78860
14100	5.7359	-3.7921	3.7935	97.4818	38.6045	3.80452
14200	5.7390	-3.7969	3.8082	97.7610	38.6106	3.81913
14300	5.7419	-3.8014	3.8216	98.0215	38.6003	3.83250
14400	5.7447	-3.8059	3.8339	98.2654	38.5753	3.84476
14500	5.7472	-3.8101	3.8452	98.4937	38.5367	3.85598
14600	5.7497	-3.8143	3.8556	98.7077	38.4863	3.86624
14700	5.7519	-3.8183	3.8650	98.9090	38.4248	3.87564
14800	5.7541	-3.8222	3.8737	99.0985	38.3539	3.88424
14900	5.7561	-3.8261	3.8817	99.2772	38.2750	3.89211
15000	5.7580	-3.8298	3.8890	99.4459	38.1878	3.89930

LOG P=-1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5413	-0.9633	0.9988	23.3044	3.4778	1.00000
200	2.8433	-1.2648	0.9999	25.7237	3.4857	1.00000
300	3.0198	-1.4410	1.0000	27.1432	3.4890	1.00000
400	3.1455	-1.5659	1.0000	28.1535	3.4951	1.00000
500	3.2439	-1.6528	1.0000	28.9474	3.5073	1.00000
600	3.3256	-1.7420	1.0000	29.6073	3.5270	1.00000
700	3.3955	-1.8089	1.0000	30.1785	3.5515	1.00000
800	3.4572	-1.8670	1.0000	30.6834	3.5817	1.00000
900	3.5121	-1.9181	1.0000	31.1392	3.6129	1.00000
1000	3.5619	-1.9639	1.0000	31.5538	3.6467	1.00000
1100	3.6071	-2.0052	1.0000	31.9370	3.6791	1.00000
1200	3.6488	-2.0430	1.0000	32.2922	3.7122	1.00000
1300	3.6874	-2.0778	1.0000	32.6234	3.7452	1.00000
1400	3.7234	-2.1100	1.0000	32.9346	3.7778	1.00000
1500	3.7570	-2.1400	1.0000	33.2288	3.8097	1.00000
1600	3.7887	-2.1680	1.0000	33.5081	3.8425	1.00002
1700	3.8188	-2.1943	1.0001	33.7749	3.8755	1.00005
1800	3.8474	-2.2192	1.0001	34.0318	3.9095	1.00013
1900	3.8751	-2.2428	1.0003	34.2819	3.9473	1.00033
2000	3.9021	-2.2652	1.0008	34.5291	3.9911	1.00075
2100	3.9291	-2.2868	1.0016	34.7787	4.0445	1.00156
2200	3.9568	-2.3076	1.0030	35.0379	4.1146	1.00302
2300	3.9857	-2.3280	1.0055	35.3157	4.2071	1.00549
2400	4.0170	-2.3482	1.0095	35.6228	4.3326	1.00947
2500	4.0513	-2.3685	1.0155	35.9714	4.5014	1.01555
2600	4.0891	-2.3893	1.0244	36.3730	4.7223	1.02436
2700	4.1304	-2.4108	1.0365	36.8356	5.0012	1.03645
2800	4.1747	-2.4331	1.0522	37.3617	5.3399	1.05218
2900	4.2202	-2.4562	1.0713	37.9413	5.7255	1.07133
3000	4.2649	-2.4796	1.0930	38.5520	6.1349	1.09296
3100	4.3062	-2.5026	1.1154	39.1535	6.5291	1.11537
3200	4.3422	-2.5246	1.1365	39.7083	6.8708	1.13651
3300	4.3719	-2.5448	1.1547	40.1873	7.1342	1.15466
3400	4.3956	-2.5632	1.1691	40.5828	7.3142	1.16906

LOG P=-1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	4.4145	-2.5798	1.1799	40.9032	7.4204	1.17985
3600	4.4299	-2.5949	1.1877	41.1664	7.4740	1.18775
3700	4.4428	-2.6089	1.1936	41.3903	7.4923	1.19356
3800	4.4544	-2.6221	1.1980	41.5901	7.4928	1.19802
3900	4.4653	-2.6347	1.2017	41.7771	7.4853	1.20169
4000	4.4759	-2.6469	1.2050	41.9601	7.4784	1.20501
4100	4.4867	-2.6588	1.2083	42.1460	7.4797	1.20833
4200	4.4980	-2.6706	1.2119	42.3409	7.4941	1.21193
4300	4.5101	-2.6823	1.2161	42.5506	7.5276	1.21610
4400	4.5233	-2.6941	1.2211	42.7803	7.5834	1.22109
4500	4.5380	-2.7060	1.2272	43.0368	7.6690	1.22720
4600	4.5542	-2.7182	1.2347	43.3256	7.7876	1.23472
4700	4.5723	-2.7308	1.2440	43.6536	7.9464	1.24397
4800	4.5925	-2.7439	1.2553	44.0280	8.1514	1.25533
4900	4.6149	-2.7576	1.2692	44.4560	8.4091	1.26917
5000	4.6402	-2.7720	1.2859	44.9527	8.7336	1.28590
5100	4.6672	-2.7873	1.3058	45.5090	9.1131	1.30585
5200	4.6965	-2.8035	1.3294	46.1384	9.5614	1.32941
5300	4.7279	-2.8207	1.3570	46.8463	10.0829	1.35695
5400	4.7609	-2.8388	1.3886	47.6347	10.6773	1.38864
5500	4.7951	-2.8579	1.4246	48.5033	11.3443	1.42463
5600	4.8300	-2.8778	1.4646	49.4434	12.0734	1.46458
5700	4.8650	-2.8982	1.5083	50.4475	12.8566	1.50825
5800	4.8993	-2.9189	1.5548	51.4952	13.6736	1.55477
5900	4.9323	-2.9397	1.6032	52.5663	14.5037	1.60316
6000	4.9632	-2.9600	1.6518	53.6273	15.3138	1.65190
6100	4.9916	-2.9795	1.6993	54.6522	16.0793	1.69932
6200	5.0170	-2.9979	1.7443	55.6137	16.7737	1.74426
6300	5.0394	-3.0149	1.7854	56.4915	17.3784	1.78545
6400	5.0586	-3.0306	1.8220	57.2712	17.8804	1.82199
6500	5.0750	-3.0448	1.8538	57.9537	18.2825	1.85377
6600	5.0888	-3.0577	1.8807	58.5405	18.5878	1.88073
6700	5.1004	-3.0694	1.9031	59.0390	18.8052	1.90313
6800	5.1101	-3.0800	1.9217	59.4639	18.9501	1.92166
6900	5.1184	-3.0898	1.9368	59.8249	19.0338	1.93677
7000	5.1255	-3.0988	1.9492	60.1360	19.0706	1.94917
7100	5.1316	-3.1072	1.9593	60.4061	19.0701	1.95929
7200	5.1371	-3.1151	1.9677	60.6454	19.0428	1.96757
7300	5.1420	-3.1227	1.9747	60.8611	18.9962	1.97469
7400	5.1465	-3.1299	1.9807	61.0602	18.9372	1.98074
7500	5.1508	-3.1369	1.9860	61.2472	18.8703	1.98604
7600	5.1550	-3.1437	1.9908	61.4264	18.8000	1.99085
7700	5.1590	-3.1504	1.9953	61.6008	18.7293	1.99533
7800	5.1630	-3.1569	1.9996	61.7738	18.6611	1.99966
7900	5.1671	-3.1634	2.0039	61.9474	18.5972	2.00395
8000	5.1712	-3.1698	2.0083	62.1235	18.5397	2.00834
8100	5.1754	-3.1761	2.0128	62.3037	18.4900	2.01289
8200	5.1798	-3.1825	2.0176	62.4897	18.4494	2.01771
8300	5.1843	-3.1889	2.0227	62.6829	18.4191	2.02287
8400	5.1891	-3.1953	2.0283	62.8845	18.4002	2.02845
8500	5.1941	-3.2017	2.0343	63.0956	18.3937	2.03452
8600	5.1993	-3.2082	2.0409	63.3175	18.4004	2.04114
8700	5.2048	-3.2147	2.0481	63.5512	18.4213	2.04838
8800	5.2107	-3.2214	2.0560	63.7979	18.4573	2.05632
8900	5.2168	-3.2281	2.0647	64.0588	18.5095	2.06502

LOG P=-1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	5.2232	-3.2349	2.0741	64.3347	18.5782	2.07453
9100	5.2301	-3.2419	2.0845	64.6269	18.6646	2.08496
9200	5.2372	-3.2490	2.0958	64.9364	18.7697	2.09634
9300	5.2448	-3.2562	2.1081	65.2643	18.8940	2.10875
9400	5.2528	-3.2536	2.1215	65.6118	19.0387	2.12226
9500	5.2611	-3.2712	2.1361	65.9797	19.2044	2.13696
9600	5.2699	-3.2790	2.1520	66.3692	19.3919	2.15291
9700	5.2791	-3.2869	2.1691	66.7813	19.6020	2.17018
9800	5.2887	-3.2951	2.1876	67.2170	19.8353	2.18884
9900	5.2987	-3.3034	2.2076	67.6771	20.0929	2.20897
10000	5.3091	-3.3120	2.2291	68.1628	20.3752	2.23064
10100	5.3199	-3.3208	2.2522	68.6743	20.6825	2.25388
10200	5.3311	-3.3298	2.2769	69.2129	21.0158	2.27880
10300	5.3427	-3.3390	2.3033	69.7784	21.3745	2.30542
10400	5.3547	-3.3485	2.3314	70.3721	21.7598	2.33379
10500	5.3670	-3.3582	2.3613	70.9936	22.1712	2.36397
10600	5.3796	-3.3681	2.3931	71.6431	22.6085	2.39596
10700	5.3925	-3.3782	2.4266	72.3205	23.0713	2.42978
10800	5.4056	-3.3886	2.4620	73.0255	23.5593	2.46545
10900	5.4189	-3.3991	2.4991	73.7565	24.0710	2.50290
11000	5.4324	-3.4097	2.5380	74.5135	24.6057	2.54215
11100	5.4461	-3.4206	2.5786	75.2951	25.1622	2.58315
11200	5.4598	-3.4315	2.6209	76.0990	25.7379	2.62575
11300	5.4735	-3.4426	2.6646	76.9228	26.3302	2.66988
11400	5.4873	-3.4537	2.7098	77.7648	26.9375	2.71542
11500	5.5009	-3.4649	2.7562	78.6223	27.5567	2.76224
11600	5.5145	-3.4760	2.8037	79.4910	28.1841	2.81009
11700	5.5278	-3.4872	2.8520	80.3686	28.8172	2.85884
11800	5.5410	-3.4983	2.9010	81.2502	29.4507	2.90819
11900	5.5539	-3.5093	2.9504	82.1332	30.0824	2.95799
12000	5.5664	-3.5201	2.9999	83.0136	30.7085	3.00798
12100	5.5787	-3.5308	3.0494	83.8858	31.3235	3.05783
12200	5.5905	-3.5414	3.0986	84.7481	31.9253	3.10738
12300	5.6019	-3.5517	3.1472	85.5948	32.5091	3.15631
12400	5.6129	-3.5617	3.1949	86.4229	33.0718	3.20438
12500	5.6234	-3.5715	3.2416	87.2294	33.6106	3.25139
12600	5.6334	-3.5810	3.2870	88.0113	34.1227	3.29713
12700	5.6430	-3.5902	3.3310	88.7661	34.6056	3.34142
12800	5.6520	-3.5991	3.3734	89.4915	35.0579	3.38406
12900	5.6606	-3.6077	3.4141	90.1862	35.4783	3.42496
13000	5.6686	-3.6160	3.4529	90.8486	35.8651	3.46397
13100	5.6762	-3.6239	3.4897	91.4778	36.2181	3.50103
13200	5.6833	-3.6315	3.5247	92.0743	36.5385	3.53613
13300	5.6900	-3.6389	3.5576	92.6384	36.8255	3.56924
13400	5.6962	-3.6459	3.5886	93.1697	37.0804	3.60034
13500	5.7021	-3.6525	3.6177	93.6698	37.3039	3.62948
13600	5.7075	-3.6591	3.6448	94.1394	37.4972	3.65671
13700	5.7126	-3.6653	3.6701	94.5793	37.6622	3.68206
13800	5.7174	-3.6712	3.6936	94.9914	37.7996	3.70562
13900	5.7218	-3.6769	3.7154	95.3765	37.9116	3.72744
14000	5.7261	-3.6824	3.7356	95.7543	38.0173	3.74765
14100	5.7298	-3.6876	3.7543	96.0737	38.0659	3.76632
14200	5.7333	-3.6927	3.7716	96.3887	38.1116	3.78354
14300	5.7367	-3.6975	3.7875	96.6828	38.1385	3.79939
14400	5.7398	-3.7022	3.8021	96.9585	38.1481	3.81399

LOG P=-1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	5.7428	-3.7068	3.8156	97.2164	38.1418	3.82741
14600	5.7455	-3.7112	3.8280	97.4578	38.1212	3.83972
14700	5.7481	-3.7154	3.8393	97.6847	38.0882	3.85104
14800	5.7505	-3.7196	3.8498	97.8978	38.0430	3.86142
14900	5.7528	-3.7236	3.8594	98.0983	37.9875	3.87094
15000	5.7550	-3.7275	3.8682	98.2871	37.9223	3.87958

LOG P=-1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5413	-0.8633	0.9986	23.0738	3.4774	1.00000
200	2.8433	-1.1648	0.9998	25.4928	3.4857	1.00000
300	3.0198	-1.3410	1.0000	26.9129	3.4889	1.00000
400	3.1455	-1.4659	1.0000	27.9235	3.4951	1.00000
500	3.2439	-1.5528	1.0000	28.7173	3.5073	1.00000
600	3.3256	-1.6420	1.0000	29.3768	3.5270	1.00000
700	3.3955	-1.7089	1.0000	29.9481	3.5515	1.00000
800	3.4572	-1.7670	1.0000	30.4528	3.5817	1.00000
900	3.5121	-1.8181	1.0000	30.9088	3.6129	1.00000
1000	3.5619	-1.8639	1.0000	31.3239	3.6467	1.00000
1100	3.6071	-1.9053	1.0000	31.7066	3.6791	1.00000
1200	3.6488	-1.9431	1.0000	32.0617	3.7122	1.00000
1300	3.6874	-1.9778	1.0000	32.3928	3.7452	1.00000
1400	3.7234	-2.0100	1.0000	32.7040	3.7778	1.00000
1500	3.7570	-2.0400	1.0000	32.9985	3.8097	1.00000
1600	3.7887	-2.0680	1.0000	33.2778	3.8424	1.00001
1700	3.8188	-2.0943	1.0001	33.5445	3.8753	1.00004
1800	3.8473	-2.1192	1.0001	33.8010	3.9090	1.00012
1900	3.8749	-2.1427	1.0003	34.0504	3.9461	1.00030
2000	3.9019	-2.1652	1.0007	34.2961	3.9886	1.00067
2100	3.9286	-2.1857	1.0014	34.5432	4.0395	1.00139
2200	3.9558	-2.2075	1.0027	34.7979	4.1056	1.00269
2300	3.9841	-2.2277	1.0049	35.0685	4.1914	1.00490
2400	4.0144	-2.2477	1.0085	35.3648	4.3068	1.00846
2500	4.0474	-2.2578	1.0139	35.6977	4.4614	1.01390
2600	4.0837	-2.2882	1.0218	36.0784	4.6633	1.02184
2700	4.1232	-2.3092	1.0328	36.5150	4.9188	1.03279
2800	4.1658	-2.3310	1.0472	37.0116	5.2315	1.04717
2900	4.2100	-2.3536	1.0649	37.5621	5.5922	1.06493
3000	4.2541	-2.3766	1.0854	38.1499	5.9836	1.08540
3100	4.2956	-2.3995	1.1072	38.7404	6.3719	1.10720
3200	4.3327	-2.4215	1.1285	39.2991	6.7224	1.12850
3300	4.3640	-2.4421	1.1475	39.7942	7.0061	1.14745
3400	4.3895	-2.4609	1.1630	40.2114	7.2113	1.16302
3500	4.4099	-2.4780	1.1750	40.5532	7.3416	1.17504
3600	4.4264	-2.4935	1.1840	40.8338	7.4145	1.18399
3700	4.4402	-2.5078	1.1906	41.0702	7.4467	1.19061
3800	4.4523	-2.5212	1.1956	41.2778	7.4560	1.19563
3900	4.4634	-2.5340	1.1997	41.4686	7.4533	1.19967
4000	4.4741	-2.5453	1.2032	41.6522	7.4478	1.20319
4100	4.4848	-2.5582	1.2066	41.8359	7.4476	1.20656
4200	4.4959	-2.5699	1.2101	42.0257	7.4577	1.21008
4300	4.5076	-2.5816	1.2140	42.2273	7.4841	1.21403
4400	4.5202	-2.5932	1.2187	42.4460	7.5299	1.21868
4500	4.5341	-2.6050	1.2243	42.6878	7.6021	1.22428

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.5495	-2.6169	1.2311	42.9577	7.7035	1.23111
4700	4.5665	-2.5292	1.2395	43.2624	7.8411	1.23948
4800	4.5854	-2.6419	1.2497	43.6082	8.0200	1.24971
4900	4.6065	-2.6552	1.2622	44.0019	8.2464	1.26216
5000	4.6301	-2.6691	1.2772	44.4579	8.5339	1.27721
5100	4.6555	-2.6838	1.2952	44.9673	8.8709	1.29516
5200	4.6831	-2.6993	1.3164	45.5432	9.2709	1.31641
5300	4.7128	-2.7157	1.3413	46.1915	9.7387	1.34132
5400	4.7442	-2.7330	1.3701	46.9152	10.2754	1.37011
5500	4.7771	-2.7513	1.4030	47.7159	10.8825	1.40300
5600	4.8109	-2.7704	1.4398	48.5881	11.5526	1.43981
5700	4.8451	-2.7901	1.4805	49.5280	12.2814	1.48044
5800	4.8792	-2.8104	1.5243	50.5203	13.0534	1.52433
5900	4.9124	-2.8308	1.5707	51.5497	13.8526	1.57071
6000	4.9440	-2.8510	1.6182	52.5871	14.6501	1.61822
6100	4.9735	-2.8708	1.6656	53.6089	15.4231	1.66564
6200	5.0004	-2.8896	1.7115	54.5876	16.1453	1.71154
6300	5.0245	-2.9074	1.7546	55.5005	16.7948	1.75464
6400	5.0456	-2.9238	1.7938	56.3285	17.3537	1.79380
6500	5.0638	-2.9389	1.8287	57.0668	17.8194	1.82866
6600	5.0794	-2.9526	1.8589	57.7115	18.1892	1.85886
6700	5.0925	-2.9651	1.8844	58.2654	18.4674	1.88439
6800	5.1036	-2.9764	1.9058	58.7406	18.6673	1.90582
6900	5.1130	-2.9868	1.9235	59.1452	18.7984	1.92348
7000	5.1210	-2.9963	1.9380	59.4930	18.8749	1.93806
7100	5.1279	-3.0051	1.9500	59.7930	18.9069	1.94999
7200	5.1339	-3.0134	1.9598	60.0559	18.9054	1.95984
7300	5.1393	-3.0212	1.9680	60.2897	18.8787	1.96804
7400	5.1442	-3.0287	1.9750	60.5025	18.8348	1.97500
7500	5.1487	-3.0358	1.9810	60.6990	18.7789	1.98099
7600	5.1530	-3.0427	1.9863	60.8844	18.7161	1.98630
7700	5.1572	-3.0494	1.9911	61.0622	18.6496	1.99112
7800	5.1612	-3.0560	1.9956	61.2359	18.5831	1.99564
7900	5.1652	-3.0625	2.0000	61.4081	18.5190	2.00001
8000	5.1693	-3.0689	2.0043	61.5808	18.4591	2.00435
8100	5.1734	-3.0753	2.0087	61.7559	18.4052	2.00877
8200	5.1777	-3.0816	2.0133	61.9348	18.3587	2.01335
8300	5.1820	-3.0879	2.0181	62.1194	18.3209	2.01820
8400	5.1866	-3.0942	2.0232	62.3106	18.2930	2.02337
8500	5.1913	-3.1005	2.0288	62.5099	18.2758	2.02893
8600	5.1962	-3.1069	2.0348	62.7182	18.2704	2.03497
8700	5.2014	-3.1133	2.0413	62.9366	18.2777	2.04155
8800	5.2069	-3.1198	2.0484	63.1664	18.2985	2.04872
8900	5.2126	-3.1263	2.0562	63.4085	18.3336	2.05656
9000	5.2187	-3.1330	2.0647	63.6638	18.3838	2.06511
9100	5.2250	-3.1397	2.0740	63.9335	18.4499	2.07447
9200	5.2317	-3.1456	2.0841	64.2184	18.5327	2.08467
9300	5.2388	-3.1536	2.0952	64.5197	18.6332	2.09580
9400	5.2462	-3.1607	2.1072	64.8383	18.7518	2.10790
9500	5.2539	-3.1680	2.1203	65.1751	18.8894	2.12106
9600	5.2621	-3.1754	2.1344	65.5312	19.0470	2.13534
9700	5.2706	-3.1830	2.1498	65.9075	19.2250	2.15081
9800	5.2796	-3.1908	2.1664	66.3049	19.4242	2.16752
9900	5.2889	-3.1988	2.1843	66.7243	19.6453	2.18556
10000	5.2986	-3.2070	2.2035	67.1668	19.8891	2.20499

LOG P=-1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10100	5.3087	-3.2154	2.2242	67.6327	20.1560	2.22584
10200	5.3192	-3.2239	2.2464	68.1234	20.4469	2.24822
10300	5.3301	-3.2327	2.2701	68.6384	20.7609	2.27215
10400	5.3413	-3.2418	2.2954	69.1796	21.1000	2.29770
10500	5.3529	-3.2510	2.3224	69.7465	21.4633	2.32491
10600	5.3648	-3.2604	2.3510	70.3395	21.8510	2.35381
10700	5.3770	-3.2701	2.3814	70.9590	22.2635	2.38444
10800	5.3894	-3.2799	2.4135	71.6047	22.6999	2.41682
10900	5.4022	-3.2900	2.4472	72.2757	23.1597	2.45092
11000	5.4151	-3.3002	2.4827	72.9721	23.6424	2.48675
11100	5.4282	-3.3106	2.5199	73.6932	24.1473	2.52431
11200	5.4414	-3.3211	2.5588	74.4372	24.6722	2.56349
11300	5.4548	-3.3318	2.5992	75.2027	25.2160	2.60426
11400	5.4681	-3.3425	2.6410	75.9883	25.7770	2.64653
11500	5.4815	-3.3534	2.6843	76.7921	26.3532	2.69022
11600	5.4949	-3.3643	2.7288	77.6107	26.9411	2.73514
11700	5.5081	-3.3752	2.7744	78.4426	27.5391	2.78119
11800	5.5213	-3.3861	2.8210	79.2831	28.1431	2.82813
11900	5.5342	-3.3970	2.8682	80.1308	28.7503	2.87583
12000	5.5469	-3.4078	2.9161	80.9822	29.3588	2.92412
12100	5.5594	-3.4185	2.9642	81.8322	29.9629	2.97267
12200	5.5715	-3.4291	3.0125	82.6787	30.5600	3.02133
12300	5.5833	-3.4396	3.0605	83.5168	31.1462	3.06981
12400	5.5947	-3.4498	3.1082	84.3436	31.7182	3.11789
12500	5.6058	-3.4598	3.1553	85.1554	32.2730	3.16535
12600	5.6163	-3.4696	3.2016	85.9493	32.8073	3.21196
12700	5.6265	-3.4791	3.2468	86.7224	33.3190	3.25752
12800	5.6362	-3.4884	3.2908	87.4716	33.8050	3.30183
12900	5.6454	-3.4973	3.3334	88.1954	34.2637	3.34474
13000	5.6542	-3.5060	3.3744	88.8911	34.6935	3.38607
13100	5.6625	-3.5144	3.4139	89.5577	35.0927	3.42572
13200	5.6703	-3.5224	3.4515	90.1944	35.4614	3.46362
13300	5.6777	-3.5302	3.4874	90.8011	35.7991	3.49970
13400	5.6847	-3.5377	3.5214	91.3765	36.1055	3.53390
13500	5.6912	-3.5449	3.5536	91.9216	36.3809	3.56622
13600	5.6973	-3.5518	3.5839	92.4366	36.6266	3.59666
13700	5.7031	-3.5584	3.6124	92.9215	36.8423	3.62522
13800	5.7084	-3.5647	3.6390	93.3781	37.0304	3.65196
13900	5.7135	-3.5708	3.6639	93.8066	37.1908	3.67690
14000	5.7183	-3.5757	3.6871	94.2261	37.3433	3.70016
14100	5.7225	-3.5823	3.7087	94.5864	37.4374	3.72178
14200	5.7266	-3.5877	3.7288	94.9400	37.5260	3.74183
14300	5.7305	-3.5929	3.7474	95.2711	37.5938	3.76039
14400	5.7340	-3.5979	3.7646	95.5816	37.6419	3.77757
14500	5.7374	-3.6028	3.7805	95.8723	37.6715	3.79343
14600	5.7405	-3.6074	3.7951	96.1446	37.6854	3.80804
14700	5.7435	-3.6119	3.8087	96.4004	37.6843	3.82154
14800	5.7462	-3.6163	3.8212	96.6405	37.6684	3.83396
14900	5.7488	-3.6205	3.8327	96.8660	37.6404	3.84539
15000	5.7513	-3.6246	3.8433	97.0783	37.6011	3.85592

LOG P=-1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5412	-0.7632	0.9985	22.8431	3.4770	1.00000

T	LOG H/R	LOG RHO	Z	S/R	-H/RT	Z*
200	2.8433	-1.0648	0.9998	25.2623	3.4856	1.00000
300	3.0198	-1.2410	1.0000	26.6824	3.4889	1.00000
400	3.1455	-1.3659	1.0000	27.6936	3.4951	1.00000
500	3.2439	-1.4528	1.0000	28.4868	3.5073	1.00000
600	3.3256	-1.5420	1.0000	29.1465	3.5270	1.00000
700	3.3955	-1.5089	1.0000	29.7176	3.5516	1.00000
800	3.4572	-1.6670	1.0000	30.2223	3.5817	1.00000
900	3.5121	-1.7181	1.0000	30.6786	3.6129	1.00000
1000	3.5619	-1.7639	1.0000	31.0937	3.6467	1.00000
1100	3.6071	-1.8053	1.0000	31.4761	3.6791	1.00000
1200	3.6488	-1.8431	1.0000	31.8312	3.7122	1.00000
1300	3.6874	-1.8778	1.0000	32.1623	3.7452	1.00000
1400	3.7234	-1.9100	1.0000	32.4734	3.7777	1.00000
1500	3.7570	-1.9400	1.0000	32.7683	3.8097	1.00000
1600	3.7887	-1.9680	1.0000	33.0475	3.8423	1.00001
1700	3.8187	-1.9943	1.0000	33.3140	3.8752	1.00004
1800	3.8473	-2.0192	1.0001	33.5703	3.9086	1.00011
1900	3.8748	-2.0427	1.0003	33.8190	3.9451	1.00026
2000	3.9016	-2.0652	1.0006	34.0635	3.9864	1.00059
2100	3.9281	-2.0866	1.0013	34.3082	4.0352	1.00124
2200	3.9549	-2.1073	1.0024	34.5589	4.0974	1.00240
2300	3.9826	-2.1275	1.0044	34.8231	4.1774	1.00437
2400	4.0120	-2.1473	1.0076	35.1096	4.2838	1.00755
2500	4.0439	-2.1572	1.0124	35.4285	4.4255	1.01243
2600	4.0787	-2.1872	1.0196	35.7901	4.6100	1.01956
2700	4.1166	-2.2078	1.0295	36.2027	4.8439	1.02946
2800	4.1574	-2.2291	1.0426	36.6715	5.1320	1.04257
2900	4.2002	-2.2511	1.0590	37.1933	5.4680	1.05896
3000	4.2435	-2.2737	1.0782	37.7565	5.8393	1.07821
3100	4.2850	-2.2963	1.0992	38.3321	6.2176	1.09920
3200	4.3228	-2.3184	1.1204	38.8892	6.5713	1.12036
3300	4.3555	-2.3392	1.1399	39.3955	6.8706	1.13986
3400	4.3827	-2.3585	1.1565	39.8320	7.0990	1.15646
3500	4.4046	-2.3760	1.1697	40.1951	7.2534	1.16967
3600	4.4224	-2.3919	1.1797	40.4942	7.3469	1.17973
3700	4.4371	-2.4066	1.1872	40.7446	7.3949	1.18724
3800	4.4499	-2.4203	1.1929	40.9615	7.4148	1.19291
3900	4.4614	-2.4332	1.1974	41.1578	7.4184	1.19741
4000	4.4722	-2.4455	1.2012	41.3434	7.4158	1.20120
4100	4.4829	-2.4575	1.2047	41.5260	7.4154	1.20470
4200	4.4938	-2.4692	1.2082	41.7119	7.4224	1.20820
4300	4.5052	-2.4808	1.2120	41.9070	7.4431	1.21200
4400	4.5174	-2.4924	1.2164	42.1161	7.4804	1.21636
4500	4.5306	-2.5040	1.2215	42.3450	7.5409	1.22153
4600	4.5451	-2.5157	1.2278	42.5984	7.6274	1.22777
4700	4.5612	-2.5277	1.2354	42.8822	7.7459	1.23535
4800	4.5790	-2.5401	1.2446	43.2026	7.9016	1.24459
4900	4.5987	-2.5530	1.2558	43.5656	8.1000	1.25580
5000	4.6209	-2.5664	1.2593	43.9852	8.3543	1.26933
5100	4.6447	-2.5805	1.2855	44.4520	8.6526	1.28549
5200	4.6707	-2.5954	1.3046	44.9792	9.0085	1.30465
5300	4.6986	-2.6110	1.3271	45.5726	9.4269	1.32714
5400	4.7285	-2.6276	1.3532	46.2362	9.9099	1.35323
5500	4.7599	-2.6451	1.3832	46.9726	10.4599	1.38318
5600	4.7924	-2.6634	1.4169	47.7788	11.0722	1.41692

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	4.8257	-2.6825	1.4545	48.6539	11.7451	1.45452
5800	4.8592	-2.7021	1.4956	49.5866	12.4673	1.49555
5900	4.8923	-2.7221	1.5395	50.5660	13.2269	1.53952
6000	4.9243	-2.7421	1.5853	51.5681	13.9998	1.58532
6100	4.9546	-2.7619	1.6319	52.5726	14.7665	1.63191
6200	4.9828	-2.7810	1.6780	53.5537	15.5019	1.67801
6300	5.0084	-2.7993	1.7223	54.4883	16.1830	1.72231
6400	5.0312	-2.8164	1.7635	55.3537	16.7886	1.76352
6500	5.0512	-2.8323	1.8011	56.1404	17.3110	1.80107
6600	5.0686	-2.8469	1.8343	56.8394	17.7424	1.83429
6700	5.0833	-2.8601	1.8630	57.4485	18.0821	1.86295
6800	5.0959	-2.8722	1.8874	57.9766	18.3402	1.88742
6900	5.1066	-2.8833	1.9079	58.4289	18.5233	1.90786
7000	5.1157	-2.8934	1.9249	58.8183	18.6452	1.92490
7100	5.1234	-2.9027	1.9389	59.1530	18.7150	1.93894
7200	5.1302	-2.9113	1.9505	59.4443	18.7442	1.95055
7300	5.1361	-2.9195	1.9602	59.7007	18.7420	1.96016
7400	5.1415	-2.9272	1.9683	59.9309	18.7174	1.96827
7500	5.1463	-2.9345	1.9751	60.1403	18.6758	1.97515
7600	5.1509	-2.9416	1.9811	60.3349	18.6233	1.98113
7700	5.1552	-2.9484	1.9864	60.5186	18.5639	1.98644
7800	5.1593	-2.9551	1.9913	60.6955	18.5017	1.99129
7900	5.1634	-2.9616	1.9958	60.8683	18.4393	1.99586
8000	5.1674	-2.9680	2.0002	61.0396	18.3790	2.00027
8100	5.1715	-2.9744	2.0046	61.2113	18.3225	2.00465
8200	5.1756	-2.9806	2.0090	61.3852	18.2720	2.00910
8300	5.1798	-2.9869	2.0136	61.5629	18.2285	2.01371
8400	5.1842	-2.9932	2.0184	61.7458	18.1933	2.01857
8500	5.1887	-2.9994	2.0236	61.9350	18.1674	2.02374
8600	5.1934	-3.0057	2.0291	62.1317	18.1517	2.02929
8700	5.1983	-3.0120	2.0351	62.3370	18.1473	2.03530
8800	5.2035	-3.0183	2.0415	62.5519	18.1547	2.04181
8900	5.2089	-3.0247	2.0486	62.7776	18.1753	2.04890
9000	5.2145	-3.0312	2.0563	63.0146	18.2091	2.05652
9100	5.2205	-3.0377	2.0646	63.2643	18.2572	2.06503
9200	5.2267	-3.0444	2.0737	63.5274	18.3205	2.07419
9300	5.2333	-3.0512	2.0836	63.8049	18.3995	2.08417
9400	5.2402	-3.0580	2.0944	64.0978	18.4951	2.09502
9500	5.2474	-3.0651	2.1061	64.4068	18.6079	2.10681
9600	5.2550	-3.0722	2.1187	64.7330	18.7386	2.11960
9700	5.2630	-3.0795	2.1325	65.0772	18.8878	2.13344
9800	5.2713	-3.0870	2.1473	65.4403	19.0564	2.14841
9900	5.2800	-3.0946	2.1633	65.8232	19.2449	2.16457
10000	5.2890	-3.1024	2.1806	66.2268	19.4542	2.18198
10100	5.2984	-3.1104	2.1991	66.6515	19.6842	2.20068
10200	5.3082	-3.1186	2.2190	67.0986	19.9361	2.22076
10300	5.3184	-3.1270	2.2403	67.5679	20.2095	2.24224
10400	5.3289	-3.1356	2.2631	68.0610	20.5060	2.26522
10500	5.3398	-3.1444	2.2873	68.5778	20.8250	2.28971
10600	5.3510	-3.1534	2.3131	69.1187	21.1671	2.31576
10700	5.3625	-3.1625	2.3405	69.6843	21.5321	2.34342
10800	5.3743	-3.1719	2.3695	70.2745	21.9202	2.37271
10900	5.3863	-3.1815	2.4001	70.8887	22.3304	2.40363
11000	5.3986	-3.1913	2.4323	71.5274	22.7633	2.43620
11100	5.4111	-3.2012	2.4662	72.1902	23.2179	2.47044

LOG P=-1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.4238	-3.2113	2.5017	72.8758	23.6933	2.50629
11300	5.4367	-3.2216	2.5388	73.5836	24.1886	2.54373
11400	5.4496	-3.2319	2.5773	74.3123	24.7018	2.58270
11500	5.4627	-3.2424	2.6174	75.0610	25.2324	2.62317
11600	5.4757	-3.2530	2.6588	75.8268	25.7774	2.66499
11700	5.4887	-3.2636	2.7015	76.5086	26.3355	2.70809
11800	5.5017	-3.2743	2.7452	77.4029	26.9031	2.75228
11900	5.5145	-3.2850	2.7900	78.2085	27.4790	2.79747
12000	5.5273	-3.2957	2.8355	79.0223	28.0604	2.84352
12100	5.5398	-3.3063	2.8817	79.8400	28.6429	2.89014
12200	5.5521	-3.3168	2.9283	80.6599	29.2245	2.93723
12300	5.5641	-3.3273	2.9752	81.4778	29.8017	2.98452
12400	5.5759	-3.3376	3.0221	82.2908	30.3709	3.03182
12500	5.5873	-3.3477	3.0687	83.0957	30.9298	3.07893
12600	5.5983	-3.3577	3.1150	83.8892	31.4745	3.12562
12700	5.6090	-3.3674	3.1607	84.6683	32.0028	3.17167
12800	5.6192	-3.3770	3.2055	85.4297	32.5113	3.21688
12900	5.6291	-3.3862	3.2494	86.1717	32.9984	3.26109
13000	5.6385	-3.3953	3.2920	86.8907	33.4607	3.30408
13100	5.6474	-3.4040	3.3333	87.5854	33.8973	3.34571
13200	5.6560	-3.4125	3.3732	88.2542	34.3071	3.38586
13300	5.6640	-3.4207	3.4115	88.8963	34.6886	3.42444
13400	5.6717	-3.4286	3.4482	89.5099	35.0413	3.46133
13500	5.6789	-3.4362	3.4832	90.0953	35.3650	3.49651
13600	5.6857	-3.4435	3.5164	90.6520	35.6597	3.52992
13700	5.6921	-3.4505	3.5478	91.1796	35.9252	3.56153
13800	5.6981	-3.4573	3.5775	91.6792	36.1627	3.59136
13900	5.7038	-3.4638	3.6055	92.1506	36.3723	3.61940
14000	5.7093	-3.4701	3.6317	92.6120	36.5724	3.64574
14100	5.7141	-3.4761	3.6563	93.0144	36.7139	3.67038
14200	5.7187	-3.4819	3.6793	93.4085	36.8480	3.69340
14300	5.7231	-3.4875	3.7007	93.7787	36.9594	3.71484
14400	5.7271	-3.4928	3.7206	94.1268	37.0497	3.73481
14500	5.7310	-3.4980	3.7392	94.4535	37.1196	3.75334
14600	5.7346	-3.5030	3.7564	94.7598	37.1708	3.77051
14700	5.7379	-3.5078	3.7723	95.0479	37.2048	3.78644
14800	5.7411	-3.5124	3.7871	95.3185	37.2231	3.80118
14900	5.7440	-3.5169	3.8008	95.5726	37.2265	3.81478
15000	5.7468	-3.5213	3.8134	95.8118	37.2167	3.82736

LOG P=-1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5412	-0.6631	0.9984	22.6125	3.4767	1.00000
200	2.8433	-0.9648	0.9998	25.0318	3.4855	1.00000
300	3.0198	-1.1410	1.0000	26.4522	3.4889	1.00000
400	3.1455	-1.2559	1.0000	27.4636	3.4951	1.00000
500	3.2439	-1.3628	1.0000	28.2562	3.5073	1.00000
600	3.3256	-1.4420	1.0000	28.9166	3.5270	1.00000
700	3.3955	-1.5089	1.0000	29.4870	3.5516	1.00000
800	3.4572	-1.5670	1.0000	29.9920	3.5817	1.00000
900	3.5121	-1.6181	1.0000	30.4487	3.6129	1.00000
1000	3.5619	-1.6539	1.0000	30.8632	3.6467	1.00000
1100	3.6071	-1.7053	1.0000	31.2461	3.6791	1.00000
1200	3.6488	-1.7430	1.0000	31.6010	3.7122	1.00000

T	LOG 4/R	LOG RHO	Z	S/R	H/RT	Z*
1300	3.6874	-1.7778	1.0000	31.9319	3.7452	1.00000
1400	3.7234	-1.8100	1.0000	32.2430	3.7777	1.00000
1500	3.7570	-1.8400	1.0000	32.5380	3.8097	1.00000
1600	3.7887	-1.8680	1.0000	32.8172	3.8423	1.00001
1700	3.8187	-1.8943	1.0000	33.0836	3.8750	1.00003
1800	3.8472	-1.9192	1.0001	33.3396	3.9082	1.00010
1900	3.8747	-1.9427	1.0003	33.5878	3.9441	1.00023
2000	3.9014	-1.9651	1.0005	33.8311	3.9844	1.00053
2100	3.9277	-1.9866	1.0011	34.0738	4.0312	1.00110
2200	3.9542	-2.0072	1.0021	34.3209	4.0902	1.00214
2300	3.9813	-2.0273	1.0039	34.5794	4.1648	1.00390
2400	4.0099	-2.0470	1.0068	34.8571	4.2632	1.00674
2500	4.0407	-2.0666	1.0111	35.1633	4.3932	1.01111
2600	4.0741	-2.0864	1.0175	35.5077	4.5521	1.01751
2700	4.1104	-2.1066	1.0265	35.8982	4.7761	1.02645
2800	4.1497	-2.1274	1.0384	36.3409	5.0409	1.03836
2900	4.1910	-2.1489	1.0534	36.8348	5.3526	1.05343
3000	4.2332	-2.1709	1.0714	37.3725	5.7027	1.07139
3100	4.2744	-2.1932	1.0914	37.9297	6.0675	1.09143
3200	4.3127	-2.2152	1.1122	38.4804	6.4195	1.11219
3300	4.3465	-2.2362	1.1320	38.9931	6.7298	1.13198
3400	4.3752	-2.2558	1.1494	39.4456	6.9780	1.14942
3500	4.3987	-2.2738	1.1638	39.8286	7.1556	1.16375
3600	4.4179	-2.2902	1.1749	40.1469	7.2708	1.17493
3700	4.4337	-2.3052	1.1834	40.4127	7.3360	1.18341
3800	4.4472	-2.3191	1.1899	40.6408	7.3684	1.18984
3900	4.4591	-2.3322	1.1949	40.8439	7.3800	1.19487
4000	4.4702	-2.3447	1.1990	41.0329	7.3816	1.19901
4100	4.4810	-2.3568	1.2027	41.2157	7.3823	1.20269
4200	4.4918	-2.3685	1.2062	41.3992	7.3876	1.20624
4300	4.5029	-2.3801	1.2100	41.5890	7.4039	1.20996
4400	4.5147	-2.3916	1.2141	41.7900	7.4340	1.21410
4500	4.5274	-2.4031	1.2189	42.0077	7.4846	1.21891
4600	4.5412	-2.4146	1.2246	42.2466	7.5579	1.22464
4700	4.5563	-2.4264	1.2316	42.5121	7.6597	1.23154
4800	4.5730	-2.4385	1.2399	42.8098	7.7948	1.23990
4900	4.5916	-2.4510	1.2500	43.1453	7.9682	1.25002
5000	4.6124	-2.4640	1.2622	43.5321	8.1926	1.26219
5100	4.6347	-2.4775	1.2767	43.9605	8.4562	1.27674
5200	4.6591	-2.4918	1.2940	44.4436	8.7722	1.29399
5300	4.6855	-2.5068	1.3143	44.9869	9.1454	1.31428
5400	4.7137	-2.5227	1.3379	45.5948	9.5784	1.33788
5500	4.7436	-2.5394	1.3651	46.2708	10.0745	1.36507
5600	4.7748	-2.5569	1.3959	47.0137	10.6309	1.39587
5700	4.8069	-2.5752	1.4304	47.8246	11.2480	1.43045
5800	4.8396	-2.5942	1.4635	48.6955	11.9177	1.46852
5900	4.8723	-2.6136	1.5098	49.6199	12.6320	1.50983
6000	4.9043	-2.6333	1.5535	50.5780	13.3712	1.55348
6100	4.9351	-2.6529	1.5987	51.5535	14.1193	1.59866
6200	4.9642	-2.6722	1.6442	52.5232	14.8535	1.64422
6300	4.9911	-2.6908	1.6890	53.4647	15.5519	1.68896
6400	5.0155	-2.7085	1.7315	54.3544	16.1914	1.73153
6500	5.0372	-2.7250	1.7712	55.1799	16.7615	1.77123
6600	5.0563	-2.7404	1.8072	55.9272	17.2493	1.80717
6700	5.0728	-2.7545	1.8388	56.5892	17.6489	1.83883

T	LOG H/R	LOG RHO	Ż	S/R	H/RT	Z*
6800	5.0870	-2.7674	1.8664	57.1708	17.9665	1.86637
6900	5.0990	-2.7791	1.8897	57.6734	18.2048	1.88974
7000	5.1094	-2.7899	1.9095	58.1083	18.3765	1.90948
7100	5.1182	-2.7997	1.9259	58.4823	18.4891	1.92588
7200	5.1258	-2.8089	1.9395	58.8066	18.5544	1.93951
7300	5.1324	-2.8174	1.9508	59.0899	18.5815	1.95081
7400	5.1383	-2.8254	1.9603	59.3418	18.5804	1.96031
7500	5.1436	-2.8330	1.9683	59.5679	18.5574	1.96831
7600	5.1484	-2.8403	1.9751	59.7749	18.5187	1.97516
7700	5.1530	-2.8473	1.9811	59.9675	18.4697	1.98113
7800	5.1573	-2.8540	1.9864	60.1502	18.4144	1.98646
7900	5.1614	-2.8606	1.9913	60.3261	18.3561	1.99136
8000	5.1655	-2.8671	1.9959	60.4981	18.2977	1.99597
8100	5.1695	-2.8735	2.0004	60.6684	18.2409	2.00043
8200	5.1736	-2.8797	2.0048	60.8391	18.1882	2.00485
8300	5.1777	-2.8860	2.0092	61.0117	18.1406	2.00934
8400	5.1820	-2.8922	2.0138	61.1880	18.0999	2.01397
8500	5.1863	-2.8983	2.0187	61.3690	18.0669	2.01884
8600	5.1908	-2.9045	2.0238	61.5559	18.0427	2.02400
8700	5.1955	-2.9107	2.0293	61.7499	18.0281	2.02953
8800	5.2003	-2.9169	2.0352	61.9521	18.0243	2.03548
8900	5.2054	-2.9232	2.0416	62.1633	18.0318	2.04192
9000	5.2108	-2.9296	2.0486	62.3845	18.0514	2.04891
9100	5.2163	-2.9359	2.0561	62.6165	18.0838	2.05451
9200	5.2222	-2.9424	2.0643	62.8604	18.1298	2.06475
9300	5.2283	-2.9490	2.0732	63.1168	18.1898	2.07372
9400	5.2347	-2.9556	2.0829	63.3868	18.2649	2.08346
9500	5.2415	-2.9624	2.0933	63.6711	18.3555	2.09403
9600	5.2486	-2.9693	2.1047	63.9707	18.4625	2.10550
9700	5.2560	-2.9763	2.1170	64.2863	18.5860	2.11790
9800	5.2637	-2.9835	2.1303	64.6186	18.7270	2.13130
9900	5.2718	-2.9908	2.1446	64.9688	18.8863	2.14578
10000	5.2802	-2.9983	2.1601	65.3374	19.0641	2.16137
10100	5.2890	-3.0060	2.1766	65.7250	19.2613	2.17814
10200	5.2981	-3.0138	2.1945	66.1326	19.4779	2.19614
10300	5.3076	-3.0218	2.2136	66.5606	19.7147	2.21541
10400	5.3175	-3.0300	2.2340	67.0100	19.9725	2.23604
10500	5.3276	-3.0383	2.2557	67.4811	20.2514	2.25805
10600	5.3381	-3.0469	2.2789	67.9743	20.5512	2.28149
10700	5.3490	-3.0557	2.3036	68.4902	20.8725	2.30642
10800	5.3601	-3.0646	2.3298	69.0290	21.2158	2.33286
10900	5.3715	-3.0737	2.3574	69.5905	21.5801	2.36081
11000	5.3831	-3.0830	2.3866	70.1749	21.9657	2.39033
11100	5.3950	-3.0925	2.4174	70.7826	22.3727	2.42142
11200	5.4072	-3.1022	2.4496	71.4123	22.7999	2.45407
11300	5.4194	-3.1120	2.4835	72.0639	23.2469	2.48827
11400	5.4319	-3.1219	2.5188	72.7365	23.7126	2.52398
11500	5.4445	-3.1320	2.5556	73.4297	24.1965	2.56121
11600	5.4571	-3.1422	2.5938	74.1412	24.6965	2.59983
11700	5.4698	-3.1525	2.6333	74.8706	25.2116	2.63982
11800	5.4825	-3.1629	2.6741	75.6147	25.7389	2.68102
11900	5.4951	-3.1733	2.7160	76.3731	26.2778	2.72339
12000	5.5077	-3.1838	2.7589	77.1432	26.8258	2.76682
12100	5.5202	-3.1942	2.8027	77.9214	27.3791	2.81106
12200	5.5325	-3.2046	2.8472	78.7067	27.9371	2.85605

LOG P=-1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12300	5.5447	-3.2150	2.8923	79.4955	28.4955	2.90159
12400	5.5566	-3.2253	2.9377	80.2845	29.0513	2.94746
12500	5.5682	-3.2355	2.9833	81.0716	29.6027	2.99352
12600	5.5796	-3.2455	3.0288	81.8532	30.1461	3.03953
12700	5.5906	-3.2554	3.0741	82.6263	30.6786	3.08530
12800	5.6013	-3.2651	3.1190	83.3882	31.1980	3.13063
12900	5.6117	-3.2746	3.1633	84.1363	31.7011	3.17535
13000	5.6216	-3.2839	3.2068	84.8675	32.1852	3.21924
13100	5.6311	-3.2929	3.2493	85.5793	32.6489	3.26212
13200	5.6403	-3.3017	3.2908	86.2704	33.0902	3.30388
13300	5.6490	-3.3103	3.3309	86.9392	33.5076	3.34436
13400	5.6573	-3.3185	3.3597	87.5832	33.8992	3.38343
13500	5.6652	-3.3266	3.4070	88.2024	34.2651	3.42103
13600	5.6727	-3.3343	3.4428	88.7955	34.6040	3.45705
13700	5.6797	-3.3418	3.4769	89.3616	34.9157	3.49143
13800	5.6864	-3.3490	3.5095	89.9012	35.2003	3.52414
13900	5.6927	-3.3559	3.5403	90.4135	35.4577	3.55515
14000	5.6989	-3.3626	3.5695	90.9155	35.7045	3.58450
14100	5.7042	-3.3690	3.5971	91.3597	35.8938	3.61216
14200	5.7095	-3.3752	3.6230	91.7949	36.0747	3.63819
14300	5.7144	-3.3812	3.6473	92.2051	36.2312	3.66260
14400	5.7191	-3.3869	3.6702	92.5924	36.3657	3.68548
14500	5.7234	-3.3924	3.6915	92.9569	36.4780	3.70684
14600	5.7275	-3.3977	3.7114	93.2996	36.5697	3.72674
14700	5.7313	-3.4029	3.7299	93.6226	36.6429	3.74529
14800	5.7349	-3.4078	3.7472	93.9264	36.6978	3.76254
14900	5.7383	-3.4126	3.7632	94.2119	36.7364	3.77855
15000	5.7415	-3.4172	3.7782	94.4808	36.7595	3.79341

LOG P=-1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5410	-0.5630	0.9980	22.3816	3.4755	1.00000
200	2.8433	-0.8648	0.9997	24.8012	3.4853	1.00000
300	3.0198	-1.0410	1.0000	26.2222	3.4888	1.00000
400	3.1455	-1.1659	1.0000	27.2334	3.4951	1.00000
500	3.2439	-1.2528	1.0000	28.0257	3.5073	1.00000
600	3.3256	-1.3420	1.0000	28.6863	3.5270	1.00000
700	3.3955	-1.4089	1.0000	29.2566	3.5515	1.00000
800	3.4572	-1.4670	1.0001	29.7620	3.5817	1.00000
900	3.5121	-1.5181	1.0000	30.2182	3.6129	1.00000
1000	3.5619	-1.5639	1.0000	30.6329	3.6467	1.00000
1100	3.6071	-1.6053	1.0000	31.0161	3.6791	1.00000
1200	3.6488	-1.6431	1.0000	31.3710	3.7122	1.00000
1300	3.6874	-1.6778	1.0000	31.7020	3.7452	1.00000
1400	3.7234	-1.7100	1.0000	32.0129	3.7777	1.00000
1500	3.7570	-1.7400	1.0000	32.3077	3.8097	1.00000
1600	3.7887	-1.7680	1.0000	32.5868	3.8422	1.00001
1700	3.8187	-1.7943	1.0000	32.8532	3.8749	1.00003
1800	3.8472	-1.8192	1.0001	33.1089	3.9078	1.00008
1900	3.8746	-1.8427	1.0002	33.3566	3.9433	1.00021
2000	3.9012	-1.8651	1.0005	33.5990	3.9826	1.00047
2100	3.9273	-1.8865	1.0010	33.8398	4.0277	1.00098
2200	3.9535	-1.9071	1.0019	34.0838	4.0838	1.00190
2300	3.9802	-1.9271	1.0035	34.3371	4.1536	1.00348

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2400	4.0081	-1.9467	1.0060	34.6069	4.2447	1.00601
2500	4.0379	-1.9661	1.0099	34.9018	4.3644	1.00992
2600	4.0700	-1.9856	1.0157	35.2305	4.5190	1.01567
2700	4.1048	-2.0054	1.0237	35.6008	4.7147	1.02373
2800	4.1425	-2.0258	1.0345	36.0192	4.9579	1.03453
2900	4.1822	-2.0468	1.0483	36.4864	5.2462	1.04832
3000	4.2233	-2.0683	1.0650	36.9982	5.5745	1.06500
3100	4.2639	-2.0902	1.0840	37.5350	5.9232	1.08396
3200	4.3024	-2.1120	1.1041	38.0748	6.2691	1.10411
3300	4.3371	-2.1331	1.1239	38.5889	6.5854	1.12391
3400	4.3672	-2.1530	1.1420	39.0535	6.8497	1.14198
3500	4.3922	-2.1714	1.1573	39.4545	7.0487	1.15730
3600	4.4128	-2.1882	1.1696	39.7919	7.1858	1.16959
3700	4.4297	-2.2036	1.1791	40.0743	7.2695	1.17909
3800	4.4441	-2.2179	1.1864	40.3148	7.3160	1.18636
3900	4.4566	-2.2312	1.1920	40.5265	7.3373	1.19201
4000	4.4680	-2.2439	1.1966	40.7202	7.3447	1.19658
4100	4.4789	-2.2560	1.2005	40.9046	7.3478	1.20051
4200	4.4897	-2.2578	1.2042	41.0868	7.3527	1.20417
4300	4.5007	-2.2794	1.2079	41.2726	7.3659	1.20788
4400	4.5121	-2.2908	1.2119	41.4669	7.3903	1.21186
4500	4.5243	-2.3021	1.2164	41.6750	7.4323	1.21640
4600	4.5375	-2.3136	1.2217	41.9012	7.4942	1.22169
4700	4.5518	-2.3252	1.2280	42.1506	7.5813	1.22800
4800	4.5676	-2.3370	1.2356	42.4282	7.6982	1.23559
4900	4.5850	-2.3491	1.2447	42.7392	7.8493	1.24474
5000	4.6046	-2.3617	1.2557	43.0967	8.0471	1.25571
5100	4.6256	-2.3748	1.2688	43.4907	8.2793	1.26880
5200	4.6484	-2.3885	1.2843	43.9338	8.5591	1.28434
5300	4.6732	-2.4030	1.3026	44.4315	8.8912	1.30263
5400	4.6999	-2.4181	1.3239	44.9884	9.2783	1.32394
5500	4.7282	-2.4341	1.3486	45.6082	9.7243	1.34858
5600	4.7580	-2.4509	1.3766	46.2913	10.2277	1.37661
5700	4.7889	-2.4584	1.4083	47.0401	10.7903	1.40825
5800	4.8206	-2.4867	1.4434	47.8496	11.4069	1.44339
5900	4.8526	-2.5055	1.4819	48.7159	12.0723	1.48189
6000	4.8844	-2.5247	1.5231	49.6235	12.7709	1.52306
6100	4.9154	-2.5441	1.5663	50.5601	13.4902	1.56631
6200	4.9450	-2.5633	1.6107	51.5058	14.2110	1.61070
6300	4.9729	-2.5820	1.6552	52.4408	14.9133	1.65516
6400	4.9985	-2.6001	1.6984	53.3416	15.5737	1.69838
6500	5.0219	-2.6172	1.7396	54.1939	16.1799	1.73960
6600	5.0427	-2.6333	1.7778	54.9805	16.7155	1.77777
6700	5.0608	-2.6481	1.8121	55.6897	17.1698	1.81211
6800	5.0767	-2.6618	1.8426	56.3224	17.5452	1.84259
6900	5.0903	-2.6743	1.8689	56.8759	17.8405	1.86893
7000	5.1019	-2.6858	1.8915	57.3591	18.0652	1.89152
7100	5.1119	-2.6963	1.9105	57.7764	18.2252	1.91052
7200	5.1205	-2.7059	1.9265	58.1384	18.3315	1.92646
7300	5.1280	-2.7149	1.9397	58.4533	18.3930	1.93973
7400	5.1345	-2.7233	1.9509	58.7312	18.4204	1.95088
7500	5.1404	-2.7312	1.9602	58.9782	18.4200	1.96024
7600	5.1456	-2.7387	1.9682	59.2014	18.3993	1.96818
7700	5.1504	-2.7459	1.9750	59.4061	18.3635	1.97500
7800	5.1550	-2.7528	1.9810	59.5973	18.3182	1.98100

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7900	5.1593	-2.7595	1.9863	59.7789	18.2668	1.98638
8000	5.1635	-2.7661	1.9913	59.9540	18.2124	1.99132
8100	5.1675	-2.7725	1.9959	60.1250	18.1575	1.99598
8200	5.1716	-2.7788	2.0004	60.2944	18.1046	2.00049
8300	5.1757	-2.7850	2.0048	60.4639	18.0548	2.00494
8400	5.1798	-2.7912	2.0093	60.6353	18.0103	2.00946
8500	5.1840	-2.7973	2.0140	60.8100	17.9719	2.01412
8600	5.1883	-2.8034	2.0188	60.9890	17.9410	2.01898
8700	5.1928	-2.8096	2.0239	61.1736	17.9182	2.02412
8800	5.1975	-2.8157	2.0294	61.3648	17.9049	2.02962
8900	5.2023	-2.8219	2.0352	61.5636	17.9014	2.03552
9000	5.2073	-2.8281	2.0416	61.7709	17.9088	2.04188
9100	5.2126	-2.8343	2.0484	61.9876	17.9274	2.04877
9200	5.2181	-2.8406	2.0558	62.2144	17.9581	2.05621
9300	5.2238	-2.8470	2.0638	62.4522	18.0017	2.06430
9400	5.2298	-2.8535	2.0725	62.7020	18.0587	2.07306
9500	5.2361	-2.8600	2.0819	62.9643	18.1295	2.08255
9600	5.2427	-2.8667	2.0921	63.2401	18.2151	2.09283
9700	5.2496	-2.8735	2.1031	63.5301	18.3158	2.10395
9800	5.2568	-2.8804	2.1150	63.8350	18.4322	2.11596
9900	5.2643	-2.8874	2.1278	64.1558	18.5652	2.12893
10000	5.2722	-2.8946	2.1416	64.4930	18.7151	2.14290
10100	5.2804	-2.9019	2.1565	64.8473	18.8825	2.15792
10200	5.2889	-2.9094	2.1725	65.2196	19.0679	2.17405
10300	5.2978	-2.9171	2.1896	65.6102	19.2714	2.19134
10400	5.3069	-2.9249	2.2079	66.0201	19.4942	2.20985
10500	5.3165	-2.9328	2.2274	66.4497	19.7361	2.22961
10600	5.3263	-2.9410	2.2482	66.8995	19.9975	2.25067
10700	5.3364	-2.9493	2.2704	67.3700	20.2789	2.27310
10800	5.3469	-2.9579	2.2939	67.8616	20.5806	2.29691
10900	5.3576	-2.9666	2.3189	68.3742	20.9019	2.32213
11000	5.3686	-2.9754	2.3452	68.9082	21.2433	2.34879
11100	5.3799	-2.9845	2.3730	69.4641	21.6055	2.37695
11200	5.3914	-2.9937	2.4023	70.0409	21.9868	2.40657
11300	5.4031	-3.0031	2.4330	70.6390	22.3879	2.43767
11400	5.4150	-3.0126	2.4652	71.2576	22.8073	2.47025
11500	5.4270	-3.0223	2.4989	71.8967	23.2454	2.50430
11600	5.4392	-3.0321	2.5339	72.5547	23.7003	2.53976
11700	5.4515	-3.0420	2.5703	73.2313	24.1714	2.57663
11800	5.4638	-3.0520	2.6080	73.9242	24.6565	2.61477
11900	5.4762	-3.0621	2.6469	74.6330	25.1550	2.65417
12000	5.4885	-3.0723	2.6870	75.3562	25.6655	2.69475
12100	5.5008	-3.0825	2.7281	76.0904	26.1846	2.73633
12200	5.5131	-3.0927	2.7701	76.8349	26.7112	2.77884
12300	5.5252	-3.1029	2.8129	77.5870	27.2430	2.82214
12400	5.5371	-3.1131	2.8563	78.3436	27.7769	2.86603
12500	5.5489	-3.1232	2.9002	79.1033	28.3113	2.91043
12600	5.5604	-3.1332	2.9443	79.8626	28.8431	2.95510
12700	5.5717	-3.1431	2.9886	80.6192	29.3695	2.99989
12800	5.5827	-3.1529	3.0329	81.3700	29.8880	3.04460
12900	5.5934	-3.1626	3.0769	82.1128	30.3965	3.08908
13000	5.6038	-3.1720	3.1205	82.8449	30.8916	3.13312
13100	5.6138	-3.1813	3.1634	83.5629	31.3713	3.17652
13200	5.6235	-3.1903	3.2057	84.2656	31.8334	3.21916
13300	5.6327	-3.1992	3.2470	84.9509	32.2770	3.26087

LOG P=-1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13400	5.6416	-3.2078	3.2872	85.6161	32.6992	3.30149
13500	5.6501	-3.2162	3.3263	86.2603	33.0986	3.34091
13600	5.6583	-3.2243	3.3641	86.8821	33.4745	3.37901
13700	5.6660	-3.2321	3.4005	87.4800	33.8262	3.41569
13800	5.6733	-3.2397	3.4354	88.0536	34.1524	3.45090
13900	5.6802	-3.2471	3.4688	88.5021	34.4533	3.48454
14000	5.6870	-3.2541	3.5007	89.1410	34.7443	3.51663
14100	5.6930	-3.2610	3.5311	89.6245	34.9797	3.54714
14200	5.6989	-3.2676	3.5598	90.0988	35.2061	3.57606
14300	5.7044	-3.2739	3.5870	90.5482	35.4078	3.60338
14400	5.7097	-3.2800	3.6127	90.9745	35.5868	3.62916
14500	5.7146	-3.2860	3.6369	91.3775	35.7430	3.65340
14600	5.7192	-3.2916	3.6595	91.7576	35.8770	3.67613
14700	5.7235	-3.2971	3.6808	92.1173	35.9913	3.69746
14800	5.7276	-3.3024	3.7007	92.4568	36.0865	3.71741
14900	5.7314	-3.3075	3.7194	92.7763	36.1628	3.73602
15000	5.7351	-3.3124	3.7367	93.0778	36.2221	3.75338

LOG P=-0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5407	-0.4526	0.9972	22.1504	3.4733	1.00000
200	2.8432	-0.7647	0.9997	24.5708	3.4850	1.00000
300	3.0198	-0.9410	1.0000	25.9919	3.4887	1.00000
400	3.1455	-1.0659	1.0000	27.0029	3.4950	1.00000
500	3.2439	-1.1528	1.0000	27.7954	3.5073	1.00000
600	3.3256	-1.2420	1.0001	28.4559	3.5270	1.00000
700	3.3955	-1.3089	1.0000	29.0265	3.5516	1.00000
800	3.4572	-1.3570	1.0001	29.5318	3.5817	1.00000
900	3.5121	-1.4181	1.0001	29.9877	3.6129	1.00000
1000	3.5619	-1.4639	1.0001	30.4029	3.6467	1.00000
1100	3.6071	-1.5053	1.0000	30.7856	3.6791	1.00000
1200	3.6488	-1.5431	1.0000	31.1407	3.7122	1.00000
1300	3.6874	-1.5778	1.0000	31.4719	3.7452	1.00000
1400	3.7234	-1.6100	1.0000	31.7829	3.7777	1.00000
1500	3.7570	-1.6400	1.0000	32.0774	3.8096	1.00000
1600	3.7887	-1.6680	1.0000	32.3565	3.8422	1.00001
1700	3.8187	-1.6943	1.0001	32.6228	3.8748	1.00002
1800	3.8472	-1.7192	1.0001	32.8783	3.9075	1.00007
1900	3.8745	-1.7427	1.0002	33.1255	3.9426	1.00019
2000	3.9010	-1.7651	1.0004	33.3670	3.9810	1.00042
2100	3.9269	-1.7865	1.0009	33.6062	4.0246	1.00087
2200	3.9529	-1.8070	1.0017	33.8474	4.0780	1.00169
2300	3.9791	-1.8269	1.0031	34.0961	4.1437	1.00310
2400	4.0064	-1.8464	1.0054	34.3589	4.2282	1.00536
2500	4.0353	-1.8656	1.0089	34.6435	4.3385	1.00886
2600	4.0663	-1.8849	1.0140	34.9581	4.4803	1.01402
2700	4.0997	-1.9044	1.0213	35.3100	4.6594	1.02127
2800	4.1359	-1.9243	1.0311	35.7059	4.8824	1.03104
2900	4.1741	-1.9448	1.0437	36.1477	5.1484	1.04363
3000	4.2139	-1.9659	1.0591	36.6339	5.4547	1.05903
3100	4.2537	-1.9874	1.0769	37.1485	5.7855	1.07685
3200	4.2920	-2.0089	1.0962	37.5742	6.1219	1.09620
3300	4.3274	-2.0300	1.1158	38.1850	6.4394	1.11577
3400	4.3586	-2.0500	1.1342	38.6573	6.7155	1.13420

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	4.3850	-2.0688	1.1504	39.0735	6.9335	1.15036
3600	4.4070	-2.0860	1.1637	39.4291	7.0915	1.16370
3700	4.4252	-2.1018	1.1743	39.7285	7.1947	1.17424
3800	4.4405	-2.1164	1.1824	39.9829	7.2569	1.18241
3900	4.4538	-2.1300	1.1888	40.2046	7.2895	1.18877
4000	4.4656	-2.1429	1.1939	40.4045	7.3043	1.19395
4100	4.4768	-2.1551	1.1981	40.5919	7.3113	1.19812
4200	4.4876	-2.1670	1.2020	40.7741	7.3171	1.20197
4300	4.4985	-2.1786	1.2057	40.9572	7.3284	1.20571
4400	4.5096	-2.1900	1.2096	41.1463	7.3484	1.20951
4500	4.5215	-2.2013	1.2139	41.3463	7.3833	1.21393
4600	4.5341	-2.2126	1.2189	41.5615	7.4355	1.21887
4700	4.5477	-2.2240	1.2247	41.7967	7.5098	1.22468
4800	4.5627	-2.2356	1.2316	42.0565	7.6105	1.23160
4900	4.5790	-2.2474	1.2399	42.3458	7.7419	1.23990
5000	4.5975	-2.2597	1.2498	42.6770	7.9159	1.24979
5100	4.6171	-2.2724	1.2616	43.0401	8.1201	1.26160
5200	4.6386	-2.2856	1.2756	43.4472	8.3674	1.27559
5300	4.6619	-2.2994	1.2921	43.9036	8.6620	1.29208
5400	4.6870	-2.3140	1.3113	44.4138	9.0071	1.31130
5500	4.7138	-2.3292	1.3336	44.9819	9.4067	1.33358
5600	4.7421	-2.3453	1.3590	45.6089	9.8602	1.35902
5700	4.7717	-2.3621	1.3879	46.2986	10.3707	1.38787
5800	4.8022	-2.3796	1.4201	47.0477	10.9347	1.42012
5900	4.8334	-2.3978	1.4558	47.8547	11.5495	1.45574
6000	4.8646	-2.4164	1.4943	48.7083	12.2031	1.49425
6100	4.8955	-2.4354	1.5352	49.5992	12.8865	1.53523
6200	4.9254	-2.4543	1.5780	50.5112	13.5835	1.57794
6300	4.9540	-2.4731	1.6215	51.4273	14.2767	1.62148
6400	4.9807	-2.4914	1.6646	52.3255	14.9445	1.66464
6500	5.0053	-2.5089	1.7067	53.1916	15.5740	1.70656
6600	5.0276	-2.5256	1.7464	54.0064	16.1469	1.74645
6700	5.0475	-2.5411	1.7831	54.7550	16.6489	1.78305
6800	5.0650	-2.5555	1.8162	55.4345	17.0784	1.81623
6900	5.0801	-2.5688	1.8455	56.0374	17.4295	1.84545
7000	5.0933	-2.5810	1.8710	56.5699	17.7089	1.87096
7100	5.1046	-2.5922	1.8927	57.0331	17.9195	1.89271
7200	5.1143	-2.6025	1.9112	57.4365	18.0711	1.91116
7300	5.1227	-2.6120	1.9266	57.7871	18.1719	1.92665
7400	5.1301	-2.6208	1.9397	58.0954	18.2323	1.93973
7500	5.1365	-2.6291	1.9507	58.3673	18.2593	1.95068
7600	5.1423	-2.6369	1.9599	58.6106	18.2607	1.95996
7700	5.1476	-2.6443	1.9678	58.8309	18.2424	1.96786
7800	5.1524	-2.6514	1.9747	59.0340	18.2104	1.97471
7900	5.1570	-2.6583	1.9807	59.2241	18.1689	1.98074
8000	5.1513	-2.6650	1.9861	59.4048	18.1213	1.98618
8100	5.1655	-2.6714	1.9911	59.5789	18.0706	1.99117
8200	5.1696	-2.6778	1.9958	59.7492	18.0195	1.99598
8300	5.1736	-2.6840	2.0003	59.9176	17.9697	2.00043
8400	5.1777	-2.6902	2.0048	60.0860	17.9232	2.00493
8500	5.1818	-2.6963	2.0093	60.2561	17.8815	2.00947
8600	5.1860	-2.7024	2.0140	60.4289	17.8453	2.01413
8700	5.1903	-2.7085	2.0188	60.6058	17.8161	2.01900
8800	5.1948	-2.7145	2.0239	60.7879	17.7948	2.02413
8900	5.1994	-2.7206	2.0293	60.9762	17.7820	2.02958

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	5.2041	-2.7267	2.0351	61.1715	17.7787	2.03541
9100	5.2091	-2.7328	2.0413	61.3748	17.7855	2.04169
9200	5.2143	-2.7390	2.0480	61.5868	17.8030	2.04845
9300	5.2197	-2.7452	2.0553	61.8083	17.8319	2.05576
9400	5.2253	-2.7515	2.0631	62.0402	17.8729	2.06366
9500	5.2312	-2.7579	2.0718	62.2831	17.9264	2.07221
9600	5.2374	-2.7643	2.0807	62.5379	17.9931	2.08145
9700	5.2438	-2.7709	2.0906	62.8052	18.0736	2.09144
9800	5.2505	-2.7776	2.1013	63.0857	18.1681	2.10221
9900	5.2576	-2.7843	2.1128	63.3801	18.2776	2.11383
10000	5.2649	-2.7912	2.1252	63.6894	18.4026	2.12635
10100	5.2725	-2.7983	2.1385	64.0138	18.5433	2.13981
10200	5.2804	-2.8054	2.1528	64.3543	18.7002	2.15427
10300	5.2887	-2.8128	2.1681	64.7113	18.8740	2.16977
10400	5.2973	-2.8202	2.1845	65.0856	19.0651	2.18635
10500	5.3062	-2.8279	2.2020	65.4776	19.2738	2.20408
10600	5.3154	-2.8356	2.2207	65.8880	19.5005	2.22300
10700	5.3249	-2.8436	2.2406	66.3172	19.7455	2.24314
10800	5.3347	-2.8517	2.2617	66.7657	20.0091	2.26456
10900	5.3447	-2.8600	2.2841	67.2334	20.2910	2.28727
11000	5.3551	-2.8685	2.3079	67.7210	20.5920	2.31131
11100	5.3657	-2.8771	2.3330	68.2289	20.9123	2.33674
11200	5.3766	-2.8859	2.3594	68.7566	21.2509	2.36353
11300	5.3877	-2.8948	2.3873	69.3043	21.6081	2.39173
11400	5.3990	-2.9039	2.4165	69.8716	21.9834	2.42132
11500	5.4105	-2.9132	2.4471	70.4590	22.3770	2.45235
11600	5.4222	-2.9226	2.4790	71.0649	22.7875	2.48472
11700	5.4339	-2.9321	2.5124	71.5895	23.2146	2.51850
11800	5.4458	-2.9418	2.5470	72.3310	23.6567	2.55357
11900	5.4578	-2.9515	2.5829	72.9893	24.1134	2.58994
12000	5.4698	-2.9613	2.6200	73.6634	24.5837	2.62754
12100	5.4819	-2.9712	2.6582	74.3505	25.0649	2.66625
12200	5.4939	-2.9812	2.6975	75.0502	25.5564	2.70604
12300	5.5058	-2.9911	2.7377	75.7605	26.0557	2.74676
12400	5.5177	-3.0011	2.7787	76.4787	26.5613	2.78830
12500	5.5294	-3.0111	2.8204	77.2043	27.0716	2.83058
12600	5.5410	-3.0210	2.8627	77.9336	27.5830	2.87341
12700	5.5524	-3.0309	2.9054	78.6651	28.0942	2.91665
12800	5.5636	-3.0406	2.9483	79.3954	28.6021	2.96012
12900	5.5746	-3.0503	2.9914	80.1230	29.1052	3.00369
13000	5.5852	-3.0599	3.0344	80.8449	29.6002	3.04716
13100	5.5956	-3.0693	3.0771	81.5582	30.0847	3.09035
13200	5.6057	-3.0785	3.1194	82.2616	30.5576	3.13313
13300	5.6154	-3.0875	3.1611	82.9526	31.0160	3.17535
13400	5.6248	-3.0964	3.2021	83.6284	31.4576	3.21678
13500	5.6339	-3.1050	3.2423	84.2876	31.8817	3.25735
13600	5.6426	-3.1135	3.2815	84.9293	32.2865	3.29693
13700	5.6509	-3.1216	3.3195	85.5506	32.6698	3.33534
13800	5.6588	-3.1296	3.3564	86.1513	33.0317	3.37254
13900	5.6664	-3.1373	3.3919	86.7296	33.3703	3.40839
14000	5.6738	-3.1448	3.4261	87.3002	33.7008	3.44287
14100	5.6804	-3.1520	3.4589	87.8187	33.9784	3.47592
14200	5.6869	-3.1590	3.4903	88.3287	34.2474	3.50750
14300	5.6931	-3.1658	3.5202	88.8150	34.4929	3.53757
14400	5.6989	-3.1723	3.5486	89.2787	34.7151	3.56615

LOG P=-0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	5.7044	-3.1786	3.5755	89.7192	34.9146	3.59322
14600	5.7096	-3.1846	3.6010	90.1370	35.0921	3.61879
14700	5.7145	-3.1905	3.6250	90.5336	35.2483	3.64293
14800	5.7191	-3.1961	3.6477	90.9095	35.3845	3.66566
14900	5.7234	-3.2016	3.6690	91.2645	35.5013	3.68698
15000	5.7275	-3.2058	3.6889	91.6000	35.5989	3.70697

LOG P=-0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5404	-0.3622	0.9963	21.9187	3.4707	1.00000
200	2.8432	-0.6647	0.9995	24.3407	3.4847	1.00000
300	3.0198	-0.8410	0.9999	25.7614	3.4886	1.00000
400	3.1455	-0.9659	1.0000	26.7724	3.4950	1.00000
500	3.2439	-1.0528	1.0001	27.5655	3.5073	1.00000
600	3.3256	-1.1420	1.0001	28.2256	3.5269	1.00000
700	3.3955	-1.2090	1.0001	28.7966	3.5516	1.00000
800	3.4572	-1.2670	1.0001	29.3013	3.5817	1.00000
900	3.5121	-1.3181	1.0001	29.7577	3.6129	1.00000
1000	3.5619	-1.3639	1.0001	30.1727	3.6467	1.00000
1100	3.6071	-1.4053	1.0001	30.5552	3.6791	1.00000
1200	3.6488	-1.4431	1.0001	30.9102	3.7122	1.00000
1300	3.6874	-1.4778	1.0001	31.2414	3.7452	1.00000
1400	3.7234	-1.5100	1.0000	31.5525	3.7777	1.00000
1500	3.7570	-1.5400	1.0000	31.8472	3.8096	1.00000
1600	3.7887	-1.5680	1.0000	32.1262	3.8422	1.00001
1700	3.8187	-1.5943	1.0001	32.3924	3.8747	1.00002
1800	3.8471	-1.6192	1.0001	32.6478	3.9072	1.00007
1900	3.8745	-1.6427	1.0002	32.8946	3.9419	1.00017
2000	3.9009	-1.6551	1.0004	33.1353	3.9796	1.00038
2100	3.9266	-1.6864	1.0008	33.3730	4.0219	1.00078
2200	3.9523	-1.7069	1.0015	33.6116	4.0729	1.00151
2300	3.9782	-1.7268	1.0028	33.8562	4.1347	1.00277
2400	4.0049	-1.7462	1.0048	34.1127	4.2135	1.00479
2500	4.0330	-1.7552	1.0079	34.3882	4.3154	1.00791
2600	4.0629	-1.7842	1.0126	34.6900	4.4455	1.01254
2700	4.0950	-1.8034	1.0191	35.0253	4.6095	1.01905
2800	4.1297	-1.8230	1.0279	35.4004	4.8139	1.02788
2900	4.1665	-1.8430	1.0394	35.8184	5.0589	1.03933
3000	4.2050	-1.8636	1.0535	36.2796	5.3437	1.05350
3100	4.2438	-1.8847	1.0701	36.7713	5.6555	1.07013
3200	4.2818	-1.9059	1.0886	37.2801	5.9793	1.08856
3300	4.3174	-1.9268	1.1077	37.7834	6.2938	1.10767
3400	4.3495	-1.9470	1.1262	38.2589	6.5774	1.12622
3500	4.3773	-1.9660	1.1430	38.6870	6.8109	1.14300
3600	4.4007	-1.9836	1.1573	39.0591	6.9888	1.15729
3700	4.4202	-1.9998	1.1689	39.3756	7.1115	1.16886
3800	4.4365	-2.0148	1.1780	39.6448	7.1904	1.17798
3900	4.4506	-2.0287	1.1851	39.8777	7.2360	1.18511
4000	4.4630	-2.0418	1.1908	40.0853	7.2596	1.19078
4100	4.4744	-2.0542	1.1955	40.2770	7.2720	1.19547
4200	4.4854	-2.0661	1.1996	40.4606	7.2800	1.19958
4300	4.4962	-2.0778	1.2034	40.6423	7.2908	1.20343
4400	4.5072	-2.0891	1.2073	40.8273	7.3077	1.20731
4500	4.5187	-2.1004	1.2115	41.0207	7.3370	1.21148

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.5309	-2.1116	1.2162	41.2265	7.3809	1.21614
4700	4.5439	-2.1229	1.2215	41.4493	7.4441	1.22153
4800	4.5581	-2.1343	1.2279	41.6935	7.5307	1.22788
4900	4.5736	-2.1459	1.2354	41.9635	7.6445	1.23542
5000	4.5909	-2.1578	1.2444	42.2714	7.7974	1.24438
5100	4.6094	-2.1701	1.2550	42.6069	7.9765	1.25504
5200	4.6295	-2.1829	1.2677	42.9816	8.1945	1.26764
5300	4.6514	-2.1962	1.2825	43.4007	8.4554	1.28250
5400	4.6750	-2.2101	1.2999	43.8685	8.7623	1.29983
5500	4.7003	-2.2248	1.3200	44.3891	9.1194	1.31996
5600	4.7271	-2.2401	1.3430	44.9643	9.5266	1.34300
5700	4.7553	-2.2562	1.3692	45.5983	9.9878	1.36923
5800	4.7847	-2.2730	1.3987	46.2894	10.5009	1.39871
5900	4.8148	-2.2905	1.4315	47.0381	11.0653	1.43150
6000	4.8453	-2.3085	1.4673	47.8357	11.6714	1.46725
6100	4.8757	-2.3269	1.5057	48.6760	12.3133	1.50571
6200	4.9056	-2.3456	1.5463	49.5465	12.9784	1.54633
6300	4.9345	-2.3642	1.5884	50.4331	13.6522	1.58839
6400	4.9620	-2.3824	1.6308	51.3166	14.3152	1.63083
6500	4.9877	-2.4003	1.6730	52.1835	14.9554	1.67297
6600	5.0114	-2.4173	1.7137	53.0146	15.5536	1.71372
6700	5.0327	-2.4335	1.7520	53.7923	16.0933	1.75201
6800	5.0518	-2.4486	1.7875	54.5108	16.5697	1.78745
6900	5.0686	-2.4626	1.8193	55.1587	16.9728	1.81932
7000	5.0833	-2.4756	1.8476	55.7389	17.3063	1.84765
7100	5.0960	-2.4875	1.8722	56.2491	17.5692	1.87222
7200	5.1070	-2.4984	1.8933	56.6966	17.7694	1.89335
7300	5.1165	-2.5085	1.9113	57.0869	17.9137	1.91128
7400	5.1248	-2.5179	1.9265	57.4299	18.0123	1.92654
7500	5.1321	-2.5266	1.9394	57.7312	18.0712	1.93937
7600	5.1385	-2.5348	1.9502	57.9987	18.0992	1.95024
7700	5.1442	-2.5425	1.9594	58.2385	18.1023	1.95945
7800	5.1495	-2.5498	1.9673	58.4569	18.0871	1.96736
7900	5.1543	-2.5569	1.9742	58.6587	18.0587	1.97425
8000	5.1589	-2.5637	1.9803	58.8479	18.0209	1.98034
8100	5.1632	-2.5703	1.9858	59.0276	17.9770	1.98583
8200	5.1674	-2.5767	1.9908	59.2010	17.9301	1.99088
8300	5.1715	-2.5830	1.9956	59.3704	17.8824	1.99564
8400	5.1756	-2.5892	2.0001	59.5378	17.8361	2.00025
8500	5.1797	-2.5953	2.0047	59.7052	17.7926	2.00479
8600	5.1838	-2.6014	2.0092	59.8736	17.7531	2.00935
8700	5.1880	-2.6074	2.0138	60.0447	17.7192	2.01403
8800	5.1923	-2.6134	2.0187	60.2195	17.6916	2.01889
8900	5.1967	-2.6194	2.0237	60.3991	17.6714	2.02400
9000	5.2012	-2.6254	2.0291	60.5843	17.6594	2.02940
9100	5.2059	-2.6314	2.0348	60.7761	17.6560	2.03517
9200	5.2108	-2.6375	2.0410	60.9752	17.6621	2.04135
9300	5.2159	-2.6436	2.0475	61.1825	17.6784	2.04799
9400	5.2212	-2.6497	2.0546	61.3987	17.7054	2.05514
9500	5.2268	-2.6559	2.0623	61.6244	17.7437	2.06286
9600	5.2325	-2.6622	2.0705	61.8605	17.7938	2.07119
9700	5.2386	-2.6686	2.0794	62.1077	17.8562	2.08017
9800	5.2448	-2.6750	2.0890	62.3665	17.9315	2.08984
9900	5.2514	-2.6816	2.0993	62.6376	18.0201	2.10028
10000	5.2582	-2.6882	2.1104	62.9218	18.1227	2.11150

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10100	5.2653	-2.6950	2.1223	63.2195	18.2395	2.12356
10200	5.2727	-2.7019	2.1351	63.5315	18.3712	2.13653
10300	5.2804	-2.7089	2.1488	63.8582	18.5182	2.15042
10400	5.2884	-2.7160	2.1635	64.2006	18.6807	2.16529
10500	5.2967	-2.7233	2.1792	64.5588	18.8593	2.18119
10600	5.3053	-2.7308	2.1959	64.9336	19.0545	2.19816
10700	5.3142	-2.7384	2.2138	65.3254	19.2664	2.21624
10800	5.3234	-2.7461	2.2328	65.7347	19.4955	2.23548
10900	5.3328	-2.7540	2.2529	66.1617	19.7416	2.25590
11000	5.3425	-2.7621	2.2743	66.6067	20.0049	2.27754
11100	5.3525	-2.7703	2.2969	67.0705	20.2866	2.30046
11200	5.3628	-2.7787	2.3207	67.5526	20.5853	2.32464
11300	5.3733	-2.7872	2.3458	68.0534	20.9018	2.35013
11400	5.3840	-2.7959	2.3723	68.5728	21.2357	2.37693
11500	5.3949	-2.8048	2.4000	69.1112	21.5867	2.40508
11600	5.4060	-2.8137	2.4290	69.6675	21.9550	2.43453
11700	5.4173	-2.8229	2.4594	70.2422	22.3397	2.46533
11800	5.4287	-2.8321	2.4910	70.8338	22.7394	2.49741
11900	5.4402	-2.8415	2.5239	71.4425	23.1545	2.53080
12000	5.4518	-2.8510	2.5581	72.0675	23.5838	2.56543
12100	5.4635	-2.8605	2.5933	72.7057	24.0255	2.60122
12200	5.4752	-2.8701	2.6298	73.3601	24.4794	2.63816
12300	5.4869	-2.8798	2.6672	74.0259	24.9433	2.67615
12400	5.4985	-2.8895	2.7056	74.7022	25.4157	2.71509
12500	5.5101	-2.8993	2.7449	75.3881	25.8955	2.75491
12600	5.5217	-2.9090	2.7849	76.0813	26.3802	2.79549
12700	5.5331	-2.9188	2.8255	76.7802	26.8688	2.83669
12800	5.5443	-2.9284	2.8666	77.4820	27.3580	2.87839
12900	5.5554	-2.9381	2.9082	78.1856	27.8468	2.92046
13000	5.5662	-2.9476	2.9499	78.8877	28.3320	2.96273
13100	5.5768	-2.9570	2.9916	79.5863	28.8118	3.00504
13200	5.5872	-2.9664	3.0333	80.2800	29.2845	3.04727
13300	5.5973	-2.9755	3.0748	80.9664	29.7480	3.08928
13400	5.6071	-2.9845	3.1159	81.6425	30.1997	3.13084
13500	5.6166	-2.9934	3.1564	82.3068	30.6380	3.17186
13600	5.6258	-3.0020	3.1963	82.9584	31.0617	3.21224
13700	5.6346	-3.0105	3.2354	83.5938	31.4680	3.25173
13800	5.6431	-3.0188	3.2736	84.2126	31.8564	3.29031
13900	5.6512	-3.0268	3.3107	84.8127	32.2255	3.32780
14000	5.6592	-3.0346	3.3467	85.4073	32.5879	3.36414
14100	5.6664	-3.0422	3.3815	85.9543	32.9019	3.39927
14200	5.6735	-3.0495	3.4150	86.4943	33.2080	3.43310
14300	5.6803	-3.0567	3.4472	87.0125	33.4927	3.46557
14400	5.6867	-3.0636	3.4781	87.5097	33.7553	3.49667
14500	5.6928	-3.0702	3.5075	87.9848	33.9961	3.52636
14600	5.6986	-3.0767	3.5356	88.4377	34.2145	3.55450
14700	5.7040	-3.0829	3.5623	88.8699	34.4127	3.58146
14800	5.7092	-3.0889	3.5876	89.2814	34.5901	3.60691
14900	5.7141	-3.0947	3.6116	89.6718	34.7473	3.63096
15000	5.7187	-3.1004	3.6342	90.0424	34.8849	3.65356

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5401	-0.2518	0.9953	21.6868	3.4681	1.00000

LOG P=-0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8431	-0.5646	0.9994	24.1106	3.4842	1.00000
300	3.0197	-0.7409	0.9999	25.5308	3.4884	1.00000
400	3.1455	-0.8559	1.0001	26.5419	3.4949	1.00000
500	3.2439	-0.9528	1.0001	27.3353	3.5073	1.00000
600	3.3255	-1.0420	1.0001	27.9957	3.5269	1.00000
700	3.3955	-1.1090	1.0001	28.5661	3.5515	1.00000
800	3.4572	-1.1570	1.0001	29.0710	3.5817	1.00000
900	3.5121	-1.2182	1.0001	29.5277	3.6129	1.00000
1000	3.5619	-1.2539	1.0001	29.9422	3.6467	1.00000
1100	3.6071	-1.3053	1.0001	30.3251	3.6791	1.00000
1200	3.6488	-1.3431	1.0001	30.6800	3.7122	1.00000
1300	3.6874	-1.3778	1.0001	31.0110	3.7452	1.00000
1400	3.7234	-1.4100	1.0001	31.3221	3.7777	1.00000
1500	3.7570	-1.4400	1.0001	31.6169	3.8096	1.00000
1600	3.7887	-1.4680	1.0000	31.8959	3.8421	1.00000
1700	3.8187	-1.4943	1.0001	32.1620	3.8746	1.00002
1800	3.8471	-1.5192	1.0001	32.4173	3.9070	1.00006
1900	3.8744	-1.5427	1.0002	32.6637	3.9413	1.00014
2000	3.9007	-1.5650	1.0004	32.9037	3.9784	1.00033
2100	3.9264	-1.5864	1.0007	33.1401	4.0194	1.00070
2200	3.9518	-1.6069	1.0014	33.3765	4.0684	1.00135
2300	3.9773	-1.6267	1.0025	33.6174	4.1268	1.00246
2400	4.0035	-1.6459	1.0043	33.8683	4.2004	1.00428
2500	4.0309	-1.6649	1.0071	34.1355	4.2946	1.00707
2600	4.0598	-1.6837	1.0112	34.4258	4.4143	1.01120
2700	4.0908	-1.7026	1.0171	34.7459	4.5646	1.01705
2800	4.1240	-1.7218	1.0250	35.1021	4.7519	1.02502
2900	4.1594	-1.7414	1.0354	35.4978	4.9771	1.03541
3000	4.1965	-1.7615	1.0484	35.9350	5.2410	1.04839
3100	4.2344	-1.7821	1.0639	36.4035	5.5334	1.06382
3200	4.2717	-1.8029	1.0813	36.8935	5.8425	1.08123
3300	4.3074	-1.8237	1.0997	37.3859	6.1503	1.09970
3400	4.3402	-1.8438	1.1182	37.8601	6.4371	1.11813
3500	4.3690	-1.8631	1.1353	38.2962	6.6825	1.13531
3600	4.3937	-1.8810	1.1504	38.6824	6.8777	1.15039
3700	4.4145	-1.8976	1.1630	39.0152	7.0196	1.16293
3800	4.4320	-1.9130	1.1730	39.2997	7.1161	1.17301
3900	4.4469	-1.9272	1.1810	39.5452	7.1759	1.18099
4000	4.4600	-1.9405	1.1874	39.7619	7.2100	1.18734
4100	4.4719	-1.9531	1.1925	39.9593	7.2292	1.19252
4200	4.4830	-1.9652	1.1970	40.1455	7.2408	1.19696
4300	4.4940	-1.9769	1.2010	40.3271	7.2524	1.20099
4400	4.5048	-1.9883	1.2049	40.5094	7.2675	1.20492
4500	4.5161	-1.9995	1.2090	40.6975	7.2924	1.20901
4600	4.5278	-2.0106	1.2135	40.8955	7.3295	1.21346
4700	4.5403	-2.0218	1.2185	41.1076	7.3832	1.21851
4800	4.5538	-2.0330	1.2244	41.3381	7.4576	1.22437
4900	4.5685	-2.0444	1.2313	41.5911	7.5562	1.23127
5000	4.5849	-2.0560	1.2394	41.8782	7.6902	1.23939
5100	4.6023	-2.0680	1.2490	42.1890	7.8470	1.24903
5200	4.6212	-2.0804	1.2604	42.5348	8.0387	1.26041
5300	4.6417	-2.0932	1.2738	42.9201	8.2692	1.27380
5400	4.6639	-2.1067	1.2895	43.3495	8.5416	1.28943
5500	4.6878	-2.1207	1.3076	43.8269	8.8597	1.30759
5600	4.7131	-2.1354	1.3284	44.3543	9.2243	1.32843

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	4.7399	-2.1508	1.3522	44.9364	9.6392	1.35221
5800	4.7579	-2.1669	1.3791	45.5725	10.1039	1.37907
5900	4.7969	-2.1837	1.4091	46.2645	10.6186	1.40910
6000	4.8265	-2.2010	1.4421	47.0059	11.1767	1.44208
6100	4.8563	-2.2188	1.4779	47.7934	11.7744	1.47791
6200	4.8859	-2.2370	1.5162	48.6173	12.4018	1.51618
6300	4.9149	-2.2553	1.5564	49.4667	13.0477	1.55634
6400	4.9427	-2.2735	1.5975	50.3249	13.6950	1.59751
6500	4.9693	-2.2914	1.6391	51.1806	14.3334	1.63911
6600	4.9940	-2.3087	1.6801	52.0151	14.9446	1.68012
6700	5.0167	-2.3253	1.7195	52.8103	15.5108	1.71946
6800	5.0373	-2.3411	1.7567	53.5586	16.0254	1.75665
6900	5.0557	-2.3557	1.7908	54.2450	16.4747	1.79079
7000	5.0719	-2.3694	1.8217	54.8693	16.8591	1.82173
7100	5.0861	-2.3821	1.8491	55.4255	17.1738	1.84907
7200	5.0985	-2.3937	1.8729	55.9181	17.4245	1.87294
7300	5.1092	-2.4044	1.8935	56.3505	17.6152	1.89347
7400	5.1186	-2.4144	1.9111	56.7316	17.7556	1.91111
7500	5.1267	-2.4236	1.9260	57.0660	17.8510	1.92606
7600	5.1339	-2.4322	1.9387	57.3619	17.9100	1.93876
7700	5.1403	-2.4403	1.9495	57.6251	17.9389	1.94952
7800	5.1460	-2.4479	1.9587	57.8626	17.9448	1.95874
7900	5.1513	-2.4552	1.9667	58.0796	17.9333	1.96669
8000	5.1562	-2.4622	1.9736	58.2803	17.9086	1.97364
8100	5.1607	-2.4689	1.9797	58.4684	17.8745	1.97979
8200	5.1651	-2.4755	1.9853	58.6475	17.8345	1.98534
8300	5.1693	-2.4819	1.9904	58.8201	17.7912	1.99046
8400	5.1734	-2.4881	1.9952	58.9887	17.7470	1.99529
8500	5.1775	-2.4943	1.9998	59.1554	17.7039	1.99995
8600	5.1816	-2.5003	2.0044	59.3214	17.6631	2.00453
8700	5.1857	-2.5063	2.0089	59.4884	17.6261	2.00912
8800	5.1899	-2.5123	2.0136	59.6576	17.5941	2.01381
8900	5.1941	-2.5183	2.0184	59.8302	17.5680	2.01866
9000	5.1985	-2.5242	2.0235	60.0070	17.5486	2.02373
9100	5.2030	-2.5301	2.0288	60.1892	17.5370	2.02909
9200	5.2077	-2.5361	2.0344	60.3773	17.5334	2.03478
9300	5.2125	-2.5421	2.0404	60.5723	17.5387	2.04086
9400	5.2175	-2.5481	2.0469	60.7748	17.5537	2.04737
9500	5.2227	-2.5541	2.0538	60.9855	17.5787	2.05437
9600	5.2281	-2.5603	2.0613	61.2053	17.6140	2.06190
9700	5.2338	-2.5664	2.0693	61.4346	17.6607	2.06999
9800	5.2397	-2.5727	2.0779	61.6741	17.7187	2.07870
9900	5.2458	-2.5790	2.0871	61.9246	17.7889	2.08808
10000	5.2522	-2.5855	2.0971	62.1865	17.8717	2.09816
10100	5.2588	-2.5920	2.1078	62.4604	17.9672	2.10899
10200	5.2657	-2.5986	2.1193	62.7471	18.0763	2.12062
10300	5.2729	-2.6054	2.1316	63.0467	18.1991	2.13307
10400	5.2803	-2.6123	2.1447	63.3604	18.3363	2.14641
10500	5.2881	-2.6193	2.1588	63.6882	18.4879	2.16066
10600	5.2961	-2.6264	2.1738	64.0310	18.6548	2.17589
10700	5.3044	-2.6336	2.1898	64.3890	18.8369	2.19211
10800	5.3130	-2.6410	2.2068	64.7628	19.0345	2.20938
10900	5.3218	-2.6486	2.2249	65.1526	19.2480	2.22772
11000	5.3309	-2.6563	2.2440	65.5589	19.4776	2.24717
11100	5.3403	-2.6641	2.2644	65.9825	19.7238	2.26780

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LOG P=-0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.3499	-2.6721	2.2858	66.4228	19.9860	2.28958
11300	5.3598	-2.6803	2.3085	66.8803	20.2647	2.31257
11400	5.3699	-2.6885	2.3323	67.3553	20.5599	2.33678
11500	5.3803	-2.6970	2.3574	67.8481	20.8719	2.36226
11600	5.3908	-2.7056	2.3837	68.3578	21.1994	2.38896
11700	5.4015	-2.7143	2.4112	68.8852	21.5433	2.41694
11800	5.4124	-2.7231	2.4400	69.4289	21.9021	2.44615
11900	5.4234	-2.7321	2.4700	69.9894	22.2762	2.47663
12000	5.4345	-2.7412	2.5012	70.5663	22.6649	2.50834
12100	5.4458	-2.7504	2.5336	71.1578	23.0668	2.54122
12200	5.4571	-2.7597	2.5671	71.7643	23.4817	2.57527
12300	5.4685	-2.7690	2.6017	72.3840	23.9082	2.61043
12400	5.4798	-2.7784	2.6373	73.0160	24.3448	2.64661
12500	5.4912	-2.7879	2.6739	73.6594	24.7907	2.68377
12600	5.5025	-2.7974	2.7114	74.3124	25.2444	2.72183
12700	5.5138	-2.8069	2.7497	74.9739	25.7049	2.76069
12800	5.5250	-2.8165	2.7886	75.5418	26.1693	2.80025
12900	5.5361	-2.8260	2.8282	76.3149	26.6365	2.84039
13000	5.5470	-2.8354	2.8682	76.9903	27.1046	2.88097
13100	5.5577	-2.8448	2.9084	77.6662	27.5706	2.92185
13200	5.5683	-2.8541	2.9490	78.3415	28.0345	2.96295
13300	5.5786	-2.8633	2.9895	79.0137	28.4933	3.00410
13400	5.5887	-2.8724	3.0300	79.6805	28.9449	3.04514
13500	5.5985	-2.8814	3.0702	80.3400	29.3875	3.08593
13600	5.6080	-2.8902	3.1102	80.9911	29.8201	3.12639
13700	5.6173	-2.8988	3.1496	81.6307	30.2397	3.16628
13800	5.6262	-2.9073	3.1884	82.2579	30.6454	3.20555
13900	5.6349	-2.9156	3.2264	82.8708	31.0357	3.24406
14000	5.6434	-2.9237	3.2636	83.4809	31.4220	3.28167
14100	5.6512	-2.9316	3.2998	84.0486	31.7650	3.31832
14200	5.6588	-2.9392	3.3350	84.6116	32.1024	3.35391
14300	5.6662	-2.9467	3.3691	85.1556	32.4200	3.38834
14400	5.6732	-2.9540	3.4020	85.6810	32.7185	3.42160
14500	5.6798	-2.9610	3.4337	86.1861	32.9962	3.45358
14600	5.6862	-2.9678	3.4641	86.6706	33.2531	3.48423
14700	5.6922	-2.9744	3.4933	87.1356	33.4902	3.51361
14800	5.6980	-2.9808	3.5211	87.5805	33.7072	3.54165
14900	5.7034	-2.9870	3.5476	88.0048	33.9041	3.56832
15000	5.7086	-2.9930	3.5728	88.4097	34.0815	3.59368

LOG P=-0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5398	-0.1614	0.9944	21.4550	3.4656	1.00000
200	2.8431	-0.4646	0.9993	23.8805	3.4839	1.00000
300	3.0197	-0.6409	0.9999	25.3003	3.4883	1.00000
400	3.1455	-0.7659	1.0001	26.3114	3.4948	1.00000
500	3.2439	-0.8529	1.0001	27.1048	3.5072	1.00000
600	3.3255	-0.9421	1.0001	27.7655	3.5269	1.00000
700	3.3955	-1.0090	1.0001	28.3357	3.5517	1.00000
800	3.4572	-1.0670	1.0001	28.8410	3.5817	1.00000
900	3.5121	-1.1182	1.0001	29.2974	3.6129	1.00000
1000	3.5619	-1.1639	1.0001	29.7119	3.6467	1.00000
1100	3.6071	-1.2053	1.0001	30.0951	3.6791	1.00000
1200	3.6488	-1.2431	1.0001	30.4501	3.7122	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1300	3.6874	-1.2778	1.0001	30.7810	3.7452	1.00000
1400	3.7234	-1.3100	1.0001	31.0920	3.7777	1.00000
1500	3.7570	-1.3430	1.0001	31.3866	3.8097	1.00000
-1600	3.7887	-1.3680	1.0001	31.6656	3.8421	1.00000
1700	3.8187	-1.3943	1.0001	31.9317	3.8745	1.00002
1800	3.8471	-1.4192	1.0001	32.1868	3.9068	1.00005
1900	3.8743	-1.4427	1.0002	32.4329	3.9408	1.00013
2000	3.9006	-1.4650	1.0003	32.6722	3.9773	1.00029
2100	3.9261	-1.4864	1.0007	32.9074	4.0172	1.00062
2200	3.9514	-1.5068	1.0012	33.1418	4.0643	1.00120
2300	3.9766	-1.5266	1.0022	33.3795	4.1197	1.00219
2400	4.0023	-1.5457	1.0038	33.6254	4.1886	1.00381
2500	4.0290	-1.5645	1.0063	33.8852	4.2761	1.00631
2600	4.0571	-1.5832	1.0100	34.1652	4.3864	1.01001
2700	4.0869	-1.6018	1.0153	34.4716	4.5242	1.01526
2800	4.1189	-1.6207	1.0225	34.8103	4.6959	1.02244
2900	4.1528	-1.6399	1.0319	35.1854	4.9027	1.03185
3000	4.1887	-1.6596	1.0437	35.5999	5.1467	1.04370
3100	4.2253	-1.6797	1.0580	36.0455	5.4196	1.05795
3200	4.2620	-1.7001	1.0743	36.5154	5.7125	1.07428
3300	4.2974	-1.7206	1.0920	36.9940	6.0107	1.09196
3400	4.3306	-1.7407	1.1101	37.4630	6.2965	1.11005
3500	4.3603	-1.7600	1.1274	37.9030	6.5498	1.12739
3600	4.3862	-1.7782	1.1431	38.3004	6.7599	1.14308
3700	4.4083	-1.7952	1.1565	38.6481	6.9196	1.15650
3800	4.4270	-1.8109	1.1676	38.9478	7.0336	1.16752
3900	4.4429	-1.8255	1.1764	39.2066	7.1087	1.17639
4000	4.4567	-1.8391	1.1835	39.4336	7.1547	1.18348
4100	4.4690	-1.8519	1.1893	39.6381	7.1822	1.18923
4200	4.4805	-1.8641	1.1941	39.8282	7.1989	1.19407
4300	4.4916	-1.8759	1.1984	40.0110	7.2126	1.19836
4400	4.5024	-1.8874	1.2024	40.1918	7.2272	1.20241
4500	4.5135	-1.8986	1.2065	40.3761	7.2491	1.20648
4600	4.5249	-1.9097	1.2108	40.5676	7.2807	1.21079
4700	4.5370	-1.9207	1.2156	40.7706	7.3266	1.21557
4800	4.5499	-1.9318	1.2210	40.9893	7.3903	1.22103
4900	4.5638	-1.9430	1.2274	41.2273	7.4754	1.22736
5000	4.5794	-1.9544	1.2348	41.4960	7.5928	1.23476
5100	4.5957	-1.9661	1.2435	41.7849	7.7298	1.24351
5200	4.6135	-1.9781	1.2538	42.1048	7.8981	1.25381
5300	4.6328	-1.9905	1.2659	42.4599	8.1013	1.26589
5400	4.6537	-2.0035	1.2800	42.8547	8.3423	1.27999
5500	4.6761	-2.0170	1.2964	43.2926	8.6251	1.29636
5600	4.7000	-2.0310	1.3152	43.7764	8.9507	1.31519
5700	4.7254	-2.0458	1.3367	44.3106	9.3230	1.33673
5800	4.7521	-2.0612	1.3611	44.8952	9.7420	1.36112
5900	4.7798	-2.0773	1.3885	45.5331	10.2093	1.38853
6000	4.8083	-2.0939	1.4188	46.2198	10.7199	1.41882
6100	4.8373	-2.1111	1.4520	46.9536	11.2718	1.45197
6200	4.8664	-2.1288	1.4877	47.7276	11.8579	1.48771
6300	4.8952	-2.1467	1.5257	48.5336	12.4695	1.52565
6400	4.9232	-2.1646	1.5651	49.3580	13.0924	1.56508
6500	4.9502	-2.1824	1.6056	50.1918	13.7185	1.60558
6600	4.9758	-2.1999	1.6462	51.0180	14.3307	1.64619
6700	4.9996	-2.2168	1.6860	51.8190	14.9120	1.68593

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T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6800	5.0215	-2.2330	1.7243	52.5860	15.4537	1.72425
6900	5.0414	-2.2483	1.7602	53.3019	15.9405	1.76015
7000	5.0591	-2.2626	1.7933	53.9638	16.3698	1.79333
7100	5.0748	-2.2760	1.8232	54.5621	16.7335	1.82321
7200	5.0886	-2.2883	1.8498	55.0988	17.0340	1.84977
7300	5.1007	-2.2997	1.8730	55.5744	17.2730	1.87296
7400	5.1112	-2.3103	1.8932	55.9964	17.4586	1.89316
7500	5.1204	-2.3201	1.9104	56.3676	17.5945	1.91044
7600	5.1285	-2.3291	1.9252	56.6958	17.6890	1.92522
7700	5.1356	-2.3377	1.9378	56.9865	17.7480	1.93780
7800	5.1420	-2.3457	1.9485	57.2471	17.7792	1.94855
7900	5.1478	-2.3533	1.9578	57.4828	17.7882	1.95781
8000	5.1530	-2.3605	1.9658	57.6985	17.7803	1.96582
8100	5.1579	-2.3674	1.9728	57.8981	17.7592	1.97283
8200	5.1625	-2.3741	1.9790	58.0857	17.7291	1.97906
8300	5.1669	-2.3806	1.9846	58.2641	17.6926	1.98469
8400	5.1711	-2.3869	1.9898	58.4362	17.6532	1.98989
8500	5.1752	-2.3932	1.9947	58.6042	17.6125	1.99480
8600	5.1793	-2.3993	1.9994	58.7697	17.5723	1.99950
8700	5.1834	-2.4053	2.0040	58.9345	17.5343	2.00412
8800	5.1875	-2.4112	2.0086	59.1000	17.4995	2.00874
8900	5.1917	-2.4171	2.0132	59.2674	17.4693	2.01345
9000	5.1959	-2.4230	2.0180	59.4377	17.4445	2.01828
9100	5.2002	-2.4289	2.0230	59.6120	17.4261	2.02333
9200	5.2047	-2.4348	2.0283	59.7909	17.4147	2.02863
9300	5.2093	-2.4407	2.0339	59.9754	17.4109	2.03425
9400	5.2141	-2.4466	2.0398	60.1661	17.4154	2.04023
9500	5.2190	-2.4525	2.0461	60.3638	17.4289	2.04661
9600	5.2241	-2.4585	2.0528	60.5692	17.4517	2.05344
9700	5.2294	-2.4645	2.0601	60.7829	17.4844	2.06077
9800	5.2349	-2.4706	2.0678	61.0055	17.5274	2.06864
9900	5.2407	-2.4768	2.0762	61.2375	17.5813	2.07709
10000	5.2467	-2.4830	2.0851	61.4797	17.6464	2.08616
10100	5.2529	-2.4893	2.0947	61.7324	17.7232	2.09589
10200	5.2593	-2.4957	2.1050	61.9964	17.8122	2.10632
10300	5.2660	-2.5022	2.1161	62.2719	17.9135	2.11750
10400	5.2730	-2.5088	2.1279	62.5599	18.0279	2.12947
10500	5.2802	-2.5156	2.1405	62.8606	18.1554	2.14225
10600	5.2877	-2.5224	2.1539	63.1746	18.2967	2.15590
10700	5.2954	-2.5293	2.1682	63.5022	18.4517	2.17045
10800	5.3034	-2.5364	2.1835	63.8441	18.6212	2.18595
10900	5.3117	-2.5436	2.1997	64.2003	18.8050	2.20241
11000	5.3202	-2.5510	2.2169	64.5716	19.0038	2.21989
11100	5.3290	-2.5585	2.2351	64.9585	19.2176	2.23843
11200	5.3381	-2.5661	2.2544	65.3607	19.4464	2.25802
11300	5.3473	-2.5739	2.2748	65.7787	19.6905	2.27873
11400	5.3568	-2.5818	2.2963	66.2128	19.9500	2.30056
11500	5.3666	-2.5898	2.3189	66.6633	20.2251	2.32355
11600	5.3765	-2.5980	2.3426	67.1298	20.5152	2.34770
11700	5.3867	-2.6063	2.3575	67.6127	20.8207	2.37304
11800	5.3970	-2.6148	2.3936	68.1114	21.1409	2.39955
11900	5.4075	-2.6234	2.4208	68.5263	21.4762	2.42727
12000	5.4181	-2.6321	2.4493	69.1570	21.8256	2.45618
12100	5.4289	-2.6409	2.4788	69.7024	22.1884	2.48623
12200	5.4398	-2.6498	2.5095	70.2629	22.5646	2.51746

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12300	5.4508	-2.6588	2.5413	70.8372	22.9533	2.54979
12400	5.4618	-2.6679	2.5741	71.4246	23.3532	2.58319
12500	5.4728	-2.6771	2.6080	72.0244	23.7636	2.61764
12600	5.4839	-2.6863	2.6428	72.6353	24.1836	2.65304
12700	5.4950	-2.6955	2.6785	73.2564	24.6119	2.68935
12800	5.5060	-2.7048	2.7150	73.8861	25.0468	2.72649
12900	5.5169	-2.7141	2.7523	74.5236	25.4873	2.76437
13000	5.5278	-2.7234	2.7902	75.1662	25.9315	2.80287
13100	5.5385	-2.7327	2.8285	75.8127	26.3776	2.84187
13200	5.5491	-2.7419	2.8674	76.4621	26.8248	2.88131
13300	5.5596	-2.7511	2.9065	77.1120	27.2708	2.92106
13400	5.5698	-2.7602	2.9458	77.7608	27.7136	2.96096
13500	5.5798	-2.7691	2.9851	78.4066	28.1518	3.00092
13600	5.5897	-2.7780	3.0244	79.0479	28.5837	3.04080
13700	5.5992	-2.7868	3.0635	79.6822	29.0072	3.08045
13800	5.6085	-2.7954	3.1022	80.3084	29.4210	3.11976
13900	5.6176	-2.8039	3.1405	80.9247	29.8228	3.15861
14000	5.6265	-2.8122	3.1783	81.5413	30.2245	3.19686
14100	5.6348	-2.8203	3.2153	82.1210	30.5878	3.23441
14200	5.6429	-2.8282	3.2516	82.6988	30.9481	3.27117
14300	5.6508	-2.8360	3.2870	83.2606	31.2916	3.30700
14400	5.6583	-2.8436	3.3215	83.8067	31.6185	3.34187
14500	5.6655	-2.8509	3.3549	84.3353	31.9273	3.37567
14600	5.6724	-2.8581	3.3872	84.8455	32.2169	3.40832
14700	5.6791	-2.8650	3.4184	85.3382	32.4890	3.43984
14800	5.6854	-2.8717	3.4485	85.8123	32.7419	3.47016
14900	5.6914	-2.8783	3.4773	86.2670	32.9755	3.49920
15000	5.6971	-2.8846	3.5048	86.7032	33.1904	3.52701

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5395	-0.0611	0.9936	21.2231	3.4632	1.00000
200	2.8430	-0.3645	0.9992	23.6504	3.4834	1.00000
300	3.0197	-0.5409	0.9999	25.0697	3.4881	1.00000
400	3.1455	-0.6660	1.0001	26.0809	3.4947	1.00000
500	3.2439	-0.7629	1.0001	26.8745	3.5072	1.00000
600	3.3255	-0.8421	1.0001	27.5350	3.5269	1.00000
700	3.3955	-0.9090	1.0001	28.1057	3.5517	1.00000
800	3.4572	-0.9670	1.0001	28.6112	3.5817	1.00000
900	3.5121	-1.0182	1.0001	29.0668	3.6129	1.00000
1000	3.5619	-1.0539	1.0001	29.4820	3.6467	1.00000
1100	3.6071	-1.1053	1.0001	29.8652	3.6791	1.00000
1200	3.6488	-1.1431	1.0001	30.2198	3.7122	1.00000
1300	3.6874	-1.1778	1.0001	30.5509	3.7452	1.00000
1400	3.7234	-1.2100	1.0001	30.8620	3.7777	1.00000
1500	3.7570	-1.2400	1.0001	31.1564	3.8097	1.00000
1600	3.7887	-1.2580	1.0001	31.4354	3.8421	1.00000
1700	3.8187	-1.2943	1.0001	31.7014	3.8744	1.00001
1800	3.8471	-1.3192	1.0001	31.9563	3.9065	1.00004
1900	3.8743	-1.3427	1.0002	32.2022	3.9404	1.00011
2000	3.9005	-1.3650	1.0003	32.4409	3.9763	1.00026
2100	3.9259	-1.3863	1.0006	32.6750	4.0152	1.00055
2200	3.9510	-1.4068	1.0011	32.9077	4.0607	1.00107
2300	3.9759	-1.4265	1.0020	33.1424	4.1133	1.00196

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2400	4.0012	-1.4456	1.0034	33.3838	4.1782	1.00340
2500	4.0273	-1.4542	1.0057	33.6370	4.2596	1.00563
2600	4.0546	-1.4827	1.0090	33.9077	4.3614	1.00894
2700	4.0834	-1.5011	1.0137	34.2017	4.4879	1.01364
2800	4.1142	-1.5197	1.0201	34.5246	4.6454	1.02010
2900	4.1468	-1.5385	1.0287	34.8806	4.8352	1.02861
3000	4.1813	-1.5578	1.0394	35.2736	5.0603	1.03940
3100	4.2168	-1.5775	1.0525	35.6969	5.3140	1.05250
3200	4.2526	-1.5975	1.0678	36.1461	5.5899	1.06772
3300	4.2876	-1.6176	1.0845	36.6088	5.8761	1.08450
3400	4.3209	-1.6376	1.1021	37.0693	6.1574	1.10206
3500	4.3512	-1.6569	1.1194	37.5093	6.4147	1.11934
3600	4.3782	-1.6753	1.1355	37.9144	6.6361	1.13543
3700	4.4015	-1.6926	1.1496	38.2747	6.8117	1.14959
3800	4.4213	-1.7087	1.1615	38.5890	6.9430	1.16150
3900	4.4383	-1.7236	1.1713	38.8615	7.0339	1.17126
4000	4.4529	-1.7375	1.1792	39.0998	7.0929	1.17914
4100	4.4659	-1.7506	1.1856	39.3127	7.1302	1.18555
4200	4.4778	-1.7630	1.1909	39.5081	7.1534	1.19087
4300	4.4890	-1.7749	1.1955	39.6933	7.1705	1.19549
4400	4.4999	-1.7864	1.1997	39.8741	7.1859	1.19973
4500	4.5109	-1.7976	1.2039	40.0556	7.2062	1.20385
4600	4.5221	-1.8087	1.2081	40.2421	7.2336	1.20809
4700	4.5338	-1.8197	1.2127	40.4376	7.2731	1.21267
4800	4.5462	-1.8307	1.2178	40.6460	7.3278	1.21780
4900	4.5595	-1.8417	1.2237	40.8709	7.4012	1.22367
5000	4.5743	-1.8529	1.2305	41.1235	7.5041	1.23044
5100	4.5897	-1.8643	1.2384	41.3929	7.6235	1.23841
5200	4.6065	-1.8760	1.2478	41.6896	7.7710	1.24774
5300	4.6246	-1.8881	1.2587	42.0178	7.9499	1.25866
5400	4.6442	-1.9005	1.2714	42.3813	8.1628	1.27139
5500	4.6653	-1.9135	1.2862	42.7838	8.4136	1.28617
5600	4.6879	-1.9270	1.3032	43.2277	8.7035	1.30316
5700	4.7119	-1.9412	1.3227	43.7178	9.0363	1.32263
5800	4.7372	-1.9559	1.3448	44.2547	9.4129	1.34474
5900	4.7636	-1.9713	1.3697	44.8416	9.8353	1.36968
6000	4.7910	-1.9873	1.3974	45.4755	10.2998	1.39737
6100	4.8190	-2.0039	1.4279	46.1563	10.8061	1.42787
6200	4.8474	-2.0209	1.4610	46.8791	11.3490	1.46103
6300	4.8757	-2.0383	1.4966	47.6384	11.9221	1.49656
6400	4.9036	-2.0559	1.5340	48.4232	12.5142	1.53395
6500	4.9308	-2.0735	1.5729	49.2266	13.1189	1.57288
6600	4.9569	-2.0909	1.6126	50.0340	13.7215	1.61254
6700	4.9816	-2.1080	1.6520	50.8289	14.3057	1.65202
6800	5.0046	-2.1245	1.6908	51.6030	14.8636	1.69081
6900	5.0258	-2.1402	1.7279	52.3380	15.3780	1.72787
7000	5.0450	-2.1552	1.7628	53.0294	15.8447	1.76284
7100	5.0622	-2.1692	1.7949	53.6644	16.2522	1.79494
7200	5.0774	-2.1822	1.8240	54.2422	16.6002	1.82401
7300	5.0909	-2.1943	1.8498	54.7601	16.8871	1.84982
7400	5.1027	-2.2055	1.8726	55.2239	17.1195	1.87262
7500	5.1131	-2.2159	1.8924	55.6339	17.2985	1.89236
7600	5.1222	-2.2256	1.9094	55.9975	17.4320	1.90942
7700	5.1302	-2.2346	1.9240	56.3192	17.5252	1.92402
7800	5.1373	-2.2430	1.9365	56.6065	17.5860	1.93656

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7900	5.1436	-2.2509	1.9473	56.8647	17.6199	1.94735
8000	5.1494	-2.2585	1.9566	57.0990	17.6325	1.95666
8100	5.1547	-2.2656	1.9647	57.3134	17.6280	1.96474
8200	5.1596	-2.2725	1.9718	57.5126	17.6110	1.97184
8300	5.1642	-2.2792	1.9781	57.6996	17.5846	1.97816
8400	5.1686	-2.2856	1.9838	57.8777	17.5523	1.98389
8500	5.1729	-2.2919	1.9891	58.0495	17.5166	1.98919
8600	5.1770	-2.2981	1.9940	58.2166	17.4790	1.99416
8700	5.1811	-2.3041	1.9988	58.3811	17.4417	1.99892
8800	5.1852	-2.3101	2.0034	58.5448	17.4062	2.00359
8900	5.1893	-2.3160	2.0080	58.7088	17.3738	2.00825
9000	5.1934	-2.3219	2.0127	58.8742	17.3452	2.01294
9100	5.1976	-2.3277	2.0175	59.0423	17.3218	2.01778
9200	5.2019	-2.3335	2.0225	59.2138	17.3040	2.02279
9300	5.2063	-2.3393	2.0277	59.3895	17.2926	2.02804
9400	5.2109	-2.3451	2.0331	59.5703	17.2886	2.03358
9500	5.2156	-2.3510	2.0389	59.7569	17.2922	2.03945
9600	5.2204	-2.3568	2.0451	59.9499	17.3040	2.04569
9700	5.2254	-2.3527	2.0517	60.1499	17.3247	2.05236
9800	5.2306	-2.3687	2.0588	60.3576	17.3546	2.05950
9900	5.2360	-2.3747	2.0663	60.5736	17.3942	2.06714
10000	5.2416	-2.3807	2.0744	60.7983	17.4436	2.07533
10100	5.2475	-2.3869	2.0830	61.0323	17.5038	2.08409
10200	5.2535	-2.3931	2.0923	61.2761	17.5749	2.09347
10300	5.2598	-2.3994	2.1021	61.5302	17.6573	2.10351
10400	5.2663	-2.4057	2.1127	61.7954	17.7513	2.11426
10500	5.2730	-2.4122	2.1240	62.0716	17.8573	2.12573
10600	5.2800	-2.4188	2.1361	62.3598	17.9755	2.13798
10700	5.2872	-2.4255	2.1489	62.6602	18.1067	2.15103
10800	5.2947	-2.4323	2.1626	62.9734	18.2508	2.16494
10900	5.3024	-2.4392	2.1771	63.2994	18.4080	2.17971
11000	5.3104	-2.4462	2.1926	63.6389	18.5787	2.19540
11100	5.3186	-2.4534	2.2089	63.9926	18.7634	2.21205
11200	5.3271	-2.4606	2.2262	64.3602	18.9618	2.22966
11300	5.3358	-2.4581	2.2445	64.7422	19.1745	2.24828
11400	5.3447	-2.4756	2.2638	65.1389	19.4011	2.26793
11500	5.3539	-2.4833	2.2842	65.5507	19.6425	2.28866
11600	5.3633	-2.4911	2.3056	65.9773	19.8979	2.31045
11700	5.3728	-2.4990	2.3281	66.4192	20.1679	2.33334
11800	5.3826	-2.5071	2.3516	66.8759	20.4518	2.35733
11900	5.3926	-2.5153	2.3763	67.3478	20.7498	2.38246
12000	5.4027	-2.5236	2.4021	67.8350	21.0621	2.40872
12100	5.4129	-2.5321	2.4289	68.3363	21.3874	2.43607
12200	5.4233	-2.5406	2.4569	68.8524	21.7259	2.46456
12300	5.4338	-2.5492	2.4859	69.3822	22.0769	2.49414
12400	5.4444	-2.5580	2.5160	69.9254	22.4399	2.52479
12500	5.4551	-2.5668	2.5471	70.4815	22.8143	2.55649
12600	5.4658	-2.5757	2.5792	71.0494	23.1989	2.58918
12700	5.4766	-2.5847	2.6122	71.6288	23.5932	2.62284
12800	5.4873	-2.5937	2.6462	72.2181	23.9960	2.65740
12900	5.4981	-2.6027	2.6809	72.8169	24.4064	2.69282
13000	5.5088	-2.6118	2.7165	73.4233	24.8230	2.72899
13100	5.5194	-2.6209	2.7526	74.0362	25.2440	2.76582
13200	5.5300	-2.6299	2.7894	74.6545	25.6687	2.80326
13300	5.5404	-2.6390	2.8267	75.2765	26.0952	2.84120

LOG P=-0.5

T	LOG H/R	LOG RHO	Z	S/R	H/R.T	Z*
13400	5.5507	-2.6480	2.8644	75.9005	26.5221	2.87952
13500	5.5609	-2.6559	2.9023	76.5252	26.9479	2.91813
13600	5.5708	-2.6658	2.9404	77.1490	27.3711	2.95690
13700	5.5806	-2.6746	2.9786	77.7697	27.7897	2.99570
13800	5.5902	-2.6833	3.0167	78.3861	28.2027	3.03443
13900	5.5995	-2.6918	3.0546	78.9964	28.6075	3.07297
14000	5.6088	-2.7003	3.0923	79.6102	29.0151	3.11119
14100	5.6174	-2.7085	3.1295	80.1927	29.3897	3.14900
14200	5.6260	-2.7167	3.1662	80.7762	29.7641	3.18628
14300	5.6343	-2.7247	3.2023	81.3474	30.1252	3.22290
14400	5.6423	-2.7325	3.2378	81.9065	30.4731	3.25883
14500	5.6500	-2.7401	3.2724	82.4511	30.8058	3.29392
14600	5.6574	-2.7475	3.3061	82.9802	31.1222	3.32807
14700	5.6646	-2.7548	3.3389	83.4942	31.4227	3.36127
14800	5.6714	-2.7618	3.3707	83.9922	31.7066	3.39347
14900	5.6780	-2.7687	3.4015	84.4725	31.9728	3.42454
15000	5.6842	-2.7754	3.4311	84.9360	32.2212	3.45450

LOG P=-0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5392	0.0395	0.9923	20.9914	3.4608	1.00000
200	2.8430	-0.2645	0.9990	23.4203	3.4829	1.00000
300	3.0197	-0.4409	0.9999	24.8393	3.4880	1.00000
400	3.1455	-0.5660	1.0001	25.8505	3.4946	1.00000
500	3.2439	-0.6529	1.0002	26.6446	3.5071	1.00000
600	3.3255	-0.7421	1.0001	27.3044	3.5269	1.00000
700	3.3955	-0.8090	1.0002	27.8757	3.5517	1.00000
800	3.4572	-0.8670	1.0002	28.3813	3.5817	1.00000
900	3.5121	-0.9182	1.0001	28.8363	3.6129	1.00000
1000	3.5619	-0.9639	1.0001	29.2519	3.6467	1.00000
1100	3.6071	-1.0053	1.0001	29.6351	3.6791	1.00000
1200	3.6488	-1.0431	1.0001	29.9893	3.7122	1.00000
1300	3.6874	-1.0778	1.0001	30.3204	3.7452	1.00000
1400	3.7234	-1.1100	1.0001	30.6317	3.7777	1.00000
1500	3.7570	-1.1400	1.0001	30.9261	3.8097	1.00000
1600	3.7887	-1.1680	1.0001	31.2051	3.8421	1.00000
1700	3.8187	-1.1944	1.0001	31.4710	3.8744	1.00001
1800	3.8471	-1.2192	1.0001	31.7258	3.9064	1.00004
1900	3.8742	-1.2427	1.0002	31.9715	3.9400	1.00010
2000	3.9004	-1.2650	1.0003	32.2097	3.9754	1.00023
2100	3.9257	-1.2863	1.0006	32.4429	4.0135	1.00049
2200	3.9507	-1.3067	1.0010	32.6739	4.0574	1.00095
2300	3.9753	-1.3264	1.0018	32.9061	4.1077	1.00175
2400	4.0002	-1.3454	1.0031	33.1434	4.1688	1.00303
2500	4.0258	-1.3640	1.0051	33.3907	4.2448	1.00502
2600	4.0524	-1.3823	1.0080	33.6531	4.3390	1.00798
2700	4.0802	-1.4005	1.0123	33.9359	4.4554	1.01220
2800	4.1099	-1.4188	1.0181	34.2445	4.5999	1.01801
2900	4.1413	-1.4373	1.0257	34.5829	4.7740	1.02569
3000	4.1745	-1.4561	1.0355	34.9559	4.9815	1.03548
3100	4.2088	-1.4754	1.0475	35.3578	5.2166	1.04748
3200	4.2435	-1.4950	1.0616	35.7862	5.4751	1.06159
3300	4.2780	-1.5148	1.0774	36.2315	5.7477	1.07739
3400	4.3112	-1.5345	1.0943	36.6805	6.0215	1.09426

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	4.3420	-1.5538	1.1113	37.1169	6.2791	1.11128
3600	4.3698	-1.5723	1.1276	37.5261	6.5084	1.12756
3700	4.3941	-1.5899	1.1423	37.8965	6.6974	1.14228
3800	4.4151	-1.6062	1.1550	38.2240	6.8447	1.15500
3900	4.4331	-1.6215	1.1657	38.5101	6.9515	1.16563
4000	4.4487	-1.6357	1.1744	38.7603	7.0244	1.17432
4100	4.4624	-1.6491	1.1815	38.9826	7.0726	1.18143
4200	4.4747	-1.6617	1.1873	39.1846	7.1037	1.18731
4300	4.4863	-1.6737	1.1924	39.3735	7.1256	1.19233
4400	4.4973	-1.6854	1.1969	39.5554	7.1431	1.19682
4500	4.5083	-1.6966	1.2011	39.7355	7.1630	1.20107
4600	4.5194	-1.7077	1.2053	39.9182	7.1878	1.20531
4700	4.5308	-1.7187	1.2098	40.1076	7.2220	1.20977
4800	4.5427	-1.7296	1.2147	40.3073	7.2692	1.21464
4900	4.5555	-1.7405	1.2202	40.5210	7.3326	1.22013
5000	4.5695	-1.7515	1.2264	40.7594	7.4229	1.22636
5100	4.5842	-1.7626	1.2337	41.0116	7.5268	1.23366
5200	4.6000	-1.7740	1.2422	41.2878	7.6558	1.24214
5300	4.6171	-1.7858	1.2521	41.5918	7.8128	1.25204
5400	4.6355	-1.7978	1.2636	41.9274	8.0006	1.26354
5500	4.6554	-1.8104	1.2769	42.2978	8.2226	1.27689
5600	4.6766	-1.8234	1.2922	42.7057	8.4802	1.29222
5700	4.6992	-1.8369	1.3098	43.1556	8.7771	1.30982
5800	4.7232	-1.8511	1.3299	43.6484	9.1146	1.32982
5900	4.7483	-1.8658	1.3525	44.1878	9.4949	1.35246
6000	4.7745	-1.8812	1.3777	44.7718	9.9156	1.37769
6100	4.8014	-1.8971	1.4057	45.4014	10.3774	1.40564
6200	4.8289	-1.9135	1.4362	46.0732	10.8766	1.43621
6300	4.8566	-1.9303	1.4693	46.7837	11.4089	1.46925
6400	4.8841	-1.9474	1.5044	47.5246	11.9654	1.50436
6500	4.9113	-1.9647	1.5414	48.2908	12.5419	1.54135
6600	4.9377	-1.9819	1.5796	49.0706	13.1259	1.57957
6700	4.9629	-1.9990	1.6182	49.8492	13.7029	1.61821
6800	4.9868	-2.0157	1.6569	50.6195	14.2658	1.65687
6900	5.0090	-2.0317	1.6945	51.3628	14.7970	1.69448
7000	5.0295	-2.0472	1.7307	52.0736	15.2910	1.73064
7100	5.0481	-2.0617	1.7645	52.7370	15.7345	1.76449
7200	5.0648	-2.0754	1.7957	53.3500	16.1248	1.79573
7300	5.0797	-2.0882	1.8240	53.9069	16.4570	1.82395
7400	5.0929	-2.1001	1.8493	54.4114	16.7357	1.84930
7500	5.1045	-2.1111	1.8716	54.8616	16.9597	1.87159
7600	5.1147	-2.1214	1.8911	55.2630	17.1352	1.89108
7700	5.1237	-2.1309	1.9079	55.6191	17.2665	1.90791
7800	5.1317	-2.1398	1.9225	55.9368	17.3608	1.92247
7900	5.1388	-2.1482	1.9350	56.2214	17.4238	1.93503
8000	5.1452	-2.1561	1.9459	56.4780	17.4607	1.94588
8100	5.1509	-2.1635	1.9552	56.7107	17.4764	1.95525
8200	5.1563	-2.1707	1.9634	56.9247	17.4760	1.96344
8300	5.1612	-2.1775	1.9706	57.1232	17.4627	1.97063
8400	5.1658	-2.1841	1.9770	57.3101	17.4406	1.97706
8500	5.1703	-2.1906	1.9828	57.4880	17.4123	1.98291
8600	5.1745	-2.1968	1.9882	57.6592	17.3800	1.98829
8700	5.1787	-2.2029	1.9932	57.8257	17.3458	1.99334
8800	5.1828	-2.2089	1.9980	57.9895	17.3116	1.99817
8900	5.1869	-2.2149	2.0027	58.1520	17.2786	2.00290

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	5.1910	-2.2207	2.0074	58.3145	17.2482	2.00758
9100	5.1951	-2.2265	2.0121	58.4781	17.2215	2.01231
9200	5.1993	-2.2323	2.0168	58.6439	17.1990	2.01713
9300	5.2036	-2.2381	2.0218	58.8126	17.1820	2.02211
9400	5.2079	-2.2438	2.0269	58.9852	17.1709	2.02730
9500	5.2124	-2.2496	2.0323	59.1624	17.1665	2.03276
9600	5.2170	-2.2553	2.0380	59.3448	17.1691	2.03852
9700	5.2218	-2.2611	2.0440	59.5330	17.1794	2.04464
9800	5.2267	-2.2669	2.0504	59.7278	17.1979	2.05114
9900	5.2318	-2.2728	2.0573	59.9296	17.2250	2.05808
10000	5.2371	-2.2787	2.0646	60.1389	17.2610	2.06549
10100	5.2425	-2.2846	2.0724	60.3564	17.3065	2.07341
10200	5.2482	-2.2907	2.0807	60.5824	17.3617	2.08187
10300	5.2541	-2.2968	2.0896	60.8174	17.4271	2.09091
10400	5.2602	-2.3029	2.0991	61.0621	17.5031	2.10057
10500	5.2665	-2.3092	2.1093	61.3168	17.5898	2.11087
10600	5.2730	-2.3155	2.1201	61.5819	17.6878	2.12188
10700	5.2797	-2.3219	2.1316	61.8580	17.7974	2.13360
10800	5.2867	-2.3285	2.1439	62.1454	17.9187	2.14608
10900	5.2940	-2.3351	2.1549	62.4444	18.0519	2.15934
11000	5.3014	-2.3419	2.1707	62.7555	18.1975	2.17342
11100	5.3091	-2.3487	2.1854	63.0792	18.3557	2.18836
11200	5.3170	-2.3557	2.2009	63.4156	18.5265	2.20419
11300	5.3252	-2.3628	2.2173	63.7649	18.7104	2.22092
11400	5.3335	-2.3700	2.2347	64.1275	18.9075	2.23859
11500	5.3421	-2.3773	2.2530	64.5041	19.1179	2.25724
11600	5.3509	-2.3848	2.2722	64.8941	19.3415	2.27687
11700	5.3600	-2.3923	2.2925	65.2982	19.5786	2.29752
11800	5.3692	-2.4000	2.3137	65.7161	19.8288	2.31918
11900	5.3786	-2.4079	2.3360	66.1483	20.0925	2.34190
12000	5.3882	-2.4158	2.3593	66.5947	20.3697	2.36568
12100	5.3979	-2.4239	2.3836	67.0547	20.6597	2.39050
12200	5.4078	-2.4321	2.4090	67.5288	20.9626	2.41640
12300	5.4178	-2.4403	2.4354	68.0162	21.2775	2.44335
12400	5.4280	-2.4487	2.4628	68.5168	21.6044	2.47134
12500	5.4382	-2.4572	2.4913	69.0305	21.9433	2.50037
12600	5.4485	-2.4657	2.5207	69.5562	22.2927	2.53040
12700	5.4589	-2.4744	2.5511	70.0939	22.6529	2.56142
12800	5.4694	-2.4831	2.5824	70.6424	23.0221	2.59337
12900	5.4798	-2.4918	2.6146	71.2013	23.4004	2.62623
13000	5.4903	-2.5007	2.6476	71.7693	23.7860	2.65991
13100	5.5007	-2.5095	2.6814	72.3453	24.1783	2.69436
13200	5.5111	-2.5183	2.7159	72.9286	24.5763	2.72953
13300	5.5214	-2.5272	2.7510	73.5180	24.9787	2.76535
13400	5.5317	-2.5360	2.7867	74.1120	25.3840	2.80170
13500	5.5418	-2.5449	2.8228	74.7094	25.7912	2.83852
13600	5.5518	-2.5537	2.8593	75.3090	26.1989	2.87572
13700	5.5617	-2.5624	2.8961	75.9087	26.6052	2.91317
13800	5.5714	-2.5710	2.9330	76.5076	27.0094	2.95078
13900	5.5809	-2.5796	2.9700	77.1038	27.4091	2.98843
14000	5.5904	-2.5881	3.0069	77.7063	27.8140	3.02603
14100	5.5993	-2.5965	3.0437	78.2833	28.1917	3.06349
14200	5.6082	-2.6047	3.0803	78.8639	28.5718	3.10069
14300	5.6169	-2.6129	3.1165	79.4361	28.9423	3.13749
14400	5.6253	-2.6208	3.1523	79.9999	29.3024	3.17387

LOG P=-0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	5.6334	-2.6287	3.1875	80.5523	29.6511	3.20964
14600	5.6413	-2.6363	3.2220	81.0922	29.9859	3.24470
14700	5.6489	-2.6438	3.2559	81.6201	30.3079	3.27905
14800	5.6562	-2.6512	3.2890	82.1347	30.6160	3.31259
14900	5.6633	-2.6583	3.3211	82.6341	30.9083	3.34519
15000	5.6700	-2.6653	3.3524	83.1188	31.1852	3.37687

LOG P=-0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5386	0.1404	0.9903	20.7582	3.4565	1.00000
200	2.8429	-0.1644	0.9988	23.1900	3.4821	1.00000
300	3.0197	-0.3409	0.9998	24.6090	3.4877	1.00000
400	3.1455	-0.4660	1.0001	25.6201	3.4946	1.00000
500	3.2439	-0.5529	1.0002	26.4145	3.5071	1.00000
600	3.3255	-0.6421	1.0002	27.0740	3.5269	1.00000
700	3.3955	-0.7091	1.0002	27.6453	3.5516	1.00000
800	3.4572	-0.7670	1.0002	28.1509	3.5817	1.00000
900	3.5121	-0.8182	1.0002	28.6059	3.6129	1.00000
1000	3.5619	-0.8639	1.0002	29.0214	3.6467	1.00000
1100	3.6071	-0.9053	1.0001	29.4048	3.6790	1.00000
1200	3.6488	-0.9431	1.0001	29.7590	3.7122	1.00000
1300	3.6874	-0.9778	1.0001	30.0900	3.7452	1.00000
1400	3.7234	-1.0100	1.0001	30.4011	3.7777	1.00000
1500	3.7570	-1.0400	1.0001	30.6958	3.8097	1.00000
1600	3.7887	-1.0680	1.0001	30.9748	3.8421	1.00000
1700	3.8186	-1.0944	1.0001	31.2407	3.8744	1.00001
1800	3.8470	-1.1192	1.0001	31.4954	3.9063	1.00003
1900	3.8742	-1.1427	1.0002	31.7408	3.9396	1.00009
2000	3.9003	-1.1650	1.0003	31.9786	3.9745	1.00021
2100	3.9256	-1.1863	1.0005	32.2110	4.0119	1.00043
2200	3.9504	-1.2067	1.0009	32.4406	4.0545	1.00084
2300	3.9748	-1.2263	1.0016	32.6704	4.1027	1.00155
2400	3.9994	-1.2453	1.0028	32.9042	4.1605	1.00270
2500	4.0244	-1.2638	1.0046	33.1462	4.2316	1.00447
2600	4.0504	-1.2819	1.0072	33.4011	4.3189	1.00712
2700	4.0774	-1.3000	1.0110	33.6737	4.4262	1.01090
2800	4.1060	-1.3180	1.0162	33.9693	4.5590	1.01611
2900	4.1362	-1.3362	1.0231	34.2918	4.7187	1.02304
3000	4.1682	-1.3546	1.0320	34.6461	4.9097	1.03191
3100	4.2012	-1.3735	1.0429	35.0276	5.1271	1.04287
3200	4.2350	-1.3926	1.0559	35.4356	5.3682	1.05588
3300	4.2687	-1.4121	1.0707	35.8625	5.6261	1.07066
3400	4.3016	-1.4315	1.0868	36.2980	5.8901	1.08673
3500	4.3326	-1.4506	1.1034	36.7275	6.1447	1.10330
3600	4.3610	-1.4692	1.1196	37.1372	6.3782	1.11955
3700	4.3863	-1.4869	1.1347	37.5146	6.5776	1.13465
3800	4.4084	-1.5036	1.1481	37.8533	6.7392	1.14803
3900	4.4275	-1.5192	1.1595	38.1522	6.8613	1.15947
4000	4.4440	-1.5337	1.1690	38.4146	6.9485	1.16900
4100	4.4584	-1.5474	1.1769	38.6472	7.0088	1.17684
4200	4.4714	-1.5602	1.1834	38.8569	7.0490	1.18334
4300	4.4833	-1.5725	1.1889	39.0508	7.0771	1.18883
4400	4.4946	-1.5842	1.1937	39.2351	7.0980	1.19366
4500	4.5056	-1.5956	1.1981	39.4151	7.1188	1.19809

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.5166	-1.5067	1.2025	39.5954	7.1421	1.20240
4700	4.5278	-1.5176	1.2069	39.7799	7.1725	1.20681
4800	4.5394	-1.6284	1.2115	39.9725	7.2137	1.21151
4900	4.5517	-1.6393	1.2167	40.1765	7.2687	1.21669
5000	4.5651	-1.6501	1.2225	40.4025	7.3479	1.22248
5100	4.5791	-1.6611	1.2292	40.6396	7.4384	1.22919
5200	4.5940	-1.6722	1.2370	40.8977	7.5511	1.23694
5300	4.6101	-1.6836	1.2460	41.1801	7.6888	1.24594
5400	4.6275	-1.6954	1.2564	41.4907	7.8542	1.25635
5500	4.6462	-1.7075	1.2684	41.8323	8.0503	1.26841
5600	4.6661	-1.7200	1.2823	42.2077	8.2786	1.28226
5700	4.6875	-1.7331	1.2982	42.6210	8.5428	1.29816
5800	4.7101	-1.7466	1.3163	43.0735	8.8443	1.31624
5900	4.7340	-1.7608	1.3368	43.5689	9.1856	1.33676
6000	4.7588	-1.7755	1.3597	44.1062	9.5651	1.35969
6100	4.7846	-1.7907	1.3852	44.6868	9.9840	1.38519
6200	4.8111	-1.8065	1.4133	45.3088	10.4402	1.41323
6300	4.8380	-1.8227	1.4438	45.9704	10.9311	1.44377
6400	4.8650	-1.8393	1.4765	46.6654	11.4494	1.47649
6500	4.8918	-1.8561	1.5113	47.3905	11.9929	1.51132
6600	4.9182	-1.8731	1.5478	48.1362	12.5512	1.54774
6700	4.9437	-1.8900	1.5851	48.8899	13.1120	1.58509
6800	4.9683	-1.9067	1.6230	49.6458	13.6693	1.62300
6900	4.9913	-1.9230	1.5606	50.3863	14.2065	1.66054
7000	5.0129	-1.9387	1.6973	51.1060	14.7179	1.69730
7100	5.0328	-1.9538	1.7324	51.7887	15.1888	1.73236
7200	5.0509	-1.9680	1.7654	52.4296	15.6143	1.76533
7300	5.0671	-1.9814	1.7957	53.0205	15.9874	1.79568
7400	5.0817	-1.9940	1.8234	53.5630	16.3101	1.82341
7500	5.0946	-2.0057	1.8482	54.0523	16.5782	1.84817
7600	5.1060	-2.0165	1.8701	54.4920	16.7970	1.87012
7700	5.1161	-2.0266	1.8893	54.8842	16.9687	1.88931
7800	5.1251	-2.0361	1.9061	55.2351	17.0998	1.90605
7900	5.1330	-2.0449	1.9206	55.5493	17.1955	1.92060
8000	5.1402	-2.0532	1.9332	55.8316	17.2611	1.93321
8100	5.1466	-2.0611	1.9441	56.0862	17.3011	1.94410
8200	5.1524	-2.0685	1.9536	56.3185	17.3209	1.95359
8300	5.1577	-2.0756	1.9618	56.5318	17.3241	1.96188
8400	5.1627	-2.0824	1.9692	56.7304	17.3154	1.96922
8500	5.1674	-2.0890	1.9757	56.9174	17.2976	1.97580
8600	5.1719	-2.0954	1.9816	57.0950	17.2730	1.98175
8700	5.1762	-2.1016	1.9871	57.2657	17.2441	1.98722
8800	5.1803	-2.1077	1.9922	57.4318	17.2133	1.99236
8900	5.1845	-2.1137	1.9971	57.5949	17.1821	1.99729
9000	5.1885	-2.1195	2.0019	57.7562	17.1516	2.00206
9100	5.1926	-2.1253	2.0065	57.9172	17.1233	2.00679
9200	5.1967	-2.1311	2.0112	58.0790	17.0980	2.01152
9300	5.2009	-2.1368	2.0160	58.2424	17.0767	2.01633
9400	5.2051	-2.1425	2.0209	58.4086	17.0602	2.02128
9500	5.2094	-2.1482	2.0260	58.5781	17.0492	2.02643
9600	5.2139	-2.1539	2.0313	58.7517	17.0443	2.03180
9700	5.2184	-2.1596	2.0369	58.9299	17.0461	2.03746
9800	5.2231	-2.1653	2.0428	59.1135	17.0547	2.04344
9900	5.2279	-2.1710	2.0490	59.3031	17.0710	2.04978
10000	5.2329	-2.1768	2.0557	59.4991	17.0953	2.05652

LOG P=-0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10100	5.2380	-2.1826	2.0627	59.7020	17.1280	2.06371
10200	5.2434	-2.1885	2.0703	59.9124	17.1694	2.07136
10300	5.2489	-2.1944	2.0783	60.1306	17.2199	2.07952
10400	5.2546	-2.2004	2.0869	60.3573	17.2800	2.08823
10500	5.2605	-2.2064	2.0960	60.5927	17.3497	2.09751
10600	5.2666	-2.2126	2.1057	60.8373	17.4294	2.10740
10700	5.2729	-2.2188	2.1160	61.0917	17.5199	2.11794
10800	5.2795	-2.2251	2.1270	61.3561	17.6210	2.12914
10900	5.2862	-2.2314	2.1387	61.6308	17.7327	2.14105
11000	5.2932	-2.2379	2.1511	61.9163	17.8557	2.15369
11100	5.3004	-2.2445	2.1643	62.2130	17.9902	2.16711
11200	5.3078	-2.2512	2.1782	62.5212	18.1365	2.18132
11300	5.3154	-2.2580	2.1929	62.8410	18.2944	2.19634
11400	5.3232	-2.2649	2.2085	63.1729	18.4645	2.21222
11500	5.3313	-2.2719	2.2249	63.5174	18.6470	2.22900
11600	5.3396	-2.2790	2.2422	63.8741	18.8413	2.24665
11700	5.3480	-2.2862	2.2604	64.2438	19.0485	2.26526
11800	5.3567	-2.2936	2.2795	64.6261	19.2677	2.28479
11900	5.3656	-2.3011	2.2996	65.0216	19.4997	2.30528
12000	5.3746	-2.3086	2.3206	65.4304	19.7443	2.32678
12100	5.3838	-2.3163	2.3426	65.8518	20.0007	2.34924
12200	5.3932	-2.3242	2.3656	66.2865	20.2698	2.37270
12300	5.4027	-2.3321	2.3895	66.7341	20.5507	2.39717
12400	5.4124	-2.3401	2.4144	67.1942	20.8433	2.42263
12500	5.4222	-2.3482	2.4403	67.6671	21.1475	2.44910
12600	5.4321	-2.3564	2.4671	68.1519	21.4626	2.47654
12700	5.4420	-2.3647	2.4949	68.6487	21.7885	2.50495
12800	5.4521	-2.3731	2.5236	69.1566	22.1243	2.53431
12900	5.4622	-2.3815	2.5533	69.6755	22.4694	2.56458
13000	5.4723	-2.3901	2.5837	70.2043	22.8234	2.59573
13100	5.4825	-2.3986	2.6150	70.7418	23.1846	2.62769
13200	5.4926	-2.4072	2.6471	71.2885	23.5537	2.66046
13300	5.5028	-2.4158	2.6799	71.8428	23.9288	2.69397
13400	5.5129	-2.4245	2.7133	72.4034	24.3087	2.72814
13500	5.5229	-2.4331	2.7474	72.9696	24.6928	2.76291
13600	5.5329	-2.4417	2.7819	73.5405	25.0798	2.79821
13700	5.5427	-2.4504	2.8169	74.1140	25.4682	2.83393
13800	5.5525	-2.4589	2.8523	74.6896	25.8571	2.87001
13900	5.5621	-2.4674	2.8878	75.2653	26.2448	2.90632
14000	5.5717	-2.4759	2.9236	75.8499	26.6397	2.94280
14100	5.5808	-2.4843	2.9595	76.4136	27.0127	2.97937
14200	5.5899	-2.4926	2.9953	76.9834	27.3901	3.01590
14300	5.5988	-2.5008	3.0310	77.5482	27.7614	3.05228
14400	5.6075	-2.5089	3.0665	78.1079	28.1260	3.08848
14500	5.6159	-2.5168	3.1017	78.6596	28.4820	3.12432
14600	5.6242	-2.5247	3.1365	79.2023	28.8277	3.15969
14700	5.6322	-2.5323	3.1708	79.7361	29.1636	3.19460
14800	5.6399	-2.5399	3.2046	80.2597	29.4885	3.22893
14900	5.6474	-2.5473	3.2377	80.7713	29.8005	3.26256
15000	5.6546	-2.5545	3.2701	81.2705	30.0993	3.29544

LOG P=-0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5366	0.2416	0.9876	20.5160	3.4400	1.00000

LOG P=-0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8427	-0.0643	0.9985	22.9592	3.4810	1.00000
300	3.0196	-0.2409	0.9998	24.3790	3.4874	1.00000
400	3.1454	-0.3660	1.0001	25.3897	3.4944	1.00000
500	3.2439	-0.4630	1.0003	26.1842	3.5070	1.00000
600	3.3255	-0.5421	1.0002	26.8435	3.5269	1.00000
700	3.3955	-0.6091	1.0002	27.4148	3.5515	1.00000
800	3.4572	-0.6671	1.0003	27.9200	3.5818	1.00000
900	3.5121	-0.7182	1.0002	28.3758	3.6129	1.00000
1000	3.5619	-0.7640	1.0002	28.7909	3.6467	1.00000
1100	3.6071	-0.8053	1.0002	29.1743	3.6791	1.00000
1200	3.6488	-0.8431	1.0002	29.5292	3.7122	1.00000
1300	3.6874	-0.8778	1.0002	29.8600	3.7452	1.00000
1400	3.7234	-0.9100	1.0001	30.1705	3.7777	1.00000
1500	3.7570	-0.9400	1.0002	30.4655	3.8097	1.00000
1600	3.7887	-0.9680	1.0001	30.7445	3.8421	1.00000
1700	3.8186	-0.9944	1.0002	31.0104	3.8743	1.00001
1800	3.8470	-1.0192	1.0002	31.2650	3.9061	1.00003
1900	3.8742	-1.0427	1.0002	31.5102	3.9393	1.00007
2000	3.9003	-1.0650	1.0003	31.7476	3.9740	1.00018
2100	3.9254	-1.0863	1.0005	31.9792	4.0106	1.00039
2200	3.9501	-1.1067	1.0009	32.2076	4.0520	1.00076
2300	3.9743	-1.1262	1.0015	32.4353	4.0982	1.00138
2400	3.9986	-1.1452	1.0025	32.6658	4.1530	1.00240
2500	4.0232	-1.1636	1.0041	32.9031	4.2198	1.00399
2600	4.0485	-1.1816	1.0064	33.1513	4.3010	1.00635
2700	4.0748	-1.1995	1.0098	33.4149	4.4000	1.00974
2800	4.1025	-1.2173	1.0145	33.6988	4.5221	1.01441
2900	4.1316	-1.2352	1.0207	34.0066	4.6688	1.02065
3000	4.1624	-1.2533	1.0288	34.3437	4.8445	1.02867
3100	4.1942	-1.2717	1.0387	34.7060	5.0452	1.03864
3200	4.2269	-1.2905	1.0507	35.0941	5.2693	1.05060
3300	4.2598	-1.3095	1.0644	35.5025	5.5118	1.06435
3400	4.2922	-1.3286	1.0796	35.9227	5.7642	1.07953
3500	4.3232	-1.3476	1.0956	36.3425	6.0129	1.09550
3600	4.3520	-1.3661	1.1116	36.7494	6.2473	1.11152
3700	4.3780	-1.3839	1.1269	37.1306	6.4540	1.12679
3800	4.4011	-1.4008	1.1407	37.4782	6.6275	1.14069
3900	4.4213	-1.4167	1.1529	37.7886	6.7639	1.15285
4000	4.4387	-1.4316	1.1632	38.0631	6.8655	1.16317
4100	4.4540	-1.4455	1.1718	38.3064	6.9384	1.17177
4200	4.4676	-1.4586	1.1790	38.5247	6.9887	1.17894
4300	4.4801	-1.4711	1.1850	38.7247	7.0243	1.18496
4400	4.4916	-1.4829	1.1902	38.9125	7.0500	1.19018
4500	4.5028	-1.4944	1.1949	39.0937	7.0730	1.19489
4600	4.5138	-1.5056	1.1994	39.2728	7.0960	1.19934
4700	4.5248	-1.5165	1.2038	39.4538	7.1240	1.20376
4800	4.5362	-1.5273	1.2084	39.6406	7.1604	1.20836
4900	4.5480	-1.5380	1.2134	39.8365	7.2085	1.21331
5000	4.5610	-1.5488	1.2188	40.0519	7.2783	1.21873
5100	4.5743	-1.5596	1.2250	40.2758	7.3572	1.22495
5200	4.5885	-1.5705	1.2321	40.5179	7.4555	1.23208
5300	4.6037	-1.5817	1.2403	40.7813	7.5762	1.24028
5400	4.6201	-1.5931	1.2498	41.0696	7.7214	1.24974
5500	4.6377	-1.6048	1.2607	41.3854	7.8944	1.26065
5600	4.6565	-1.6169	1.2732	41.7315	8.0965	1.27318

LOG P=-0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	4.6766	-1.5295	1.2876	42.1117	8.3312	1.28753
5800	4.6979	-1.5425	1.3039	42.5274	8.5999	1.30389
5900	4.7205	-1.5561	1.3225	42.9825	8.9053	1.32245
6000	4.7441	-1.5702	1.3433	43.4763	9.2464	1.34325
6100	4.7687	-1.5848	1.3665	44.0111	9.6251	1.36646
6200	4.7941	-1.6999	1.3921	44.5854	10.0398	1.39210
6300	4.8201	-1.7155	1.4202	45.1989	10.4893	1.42017
6400	4.8463	-1.7315	1.4505	45.8470	10.9680	1.45045
6500	4.8727	-1.7479	1.4830	46.5282	11.4754	1.48296
6600	4.8988	-1.7645	1.5174	47.2349	12.0030	1.51732
6700	4.9244	-1.7811	1.5530	47.9568	12.5406	1.55297
6800	4.9492	-1.7977	1.5897	48.5898	13.0835	1.58967
6900	4.9729	-1.8140	1.6266	49.4180	13.6169	1.62658
7000	4.9954	-1.8299	1.6634	50.1362	14.1351	1.66333
7100	5.0163	-1.8453	1.6990	50.8279	14.6232	1.69901
7200	5.0356	-1.8600	1.7332	51.4875	15.0751	1.73317
7300	5.0531	-1.8740	1.7652	52.1050	15.4817	1.76520
7400	5.0691	-1.8872	1.7950	52.6800	15.8436	1.79498
7500	5.0833	-1.8995	1.8221	53.2053	16.1541	1.82204
7600	5.0961	-1.9110	1.8464	53.6826	16.4158	1.84641
7700	5.1074	-1.9217	1.8680	54.1119	16.6291	1.86800
7800	5.1174	-1.9317	1.8871	54.4980	16.7995	1.88707
7900	5.1263	-1.9411	1.9038	54.8446	16.9311	1.90378
8000	5.1343	-1.9499	1.9184	55.1559	17.0289	1.91836
8100	5.1414	-1.9581	1.9310	55.4359	17.0969	1.93100
8200	5.1478	-1.9659	1.9420	55.6899	17.1408	1.94202
8300	5.1537	-1.9733	1.9516	55.9214	17.1642	1.95163
8400	5.1591	-1.9804	1.9600	56.1349	17.1722	1.96007
8500	5.1641	-1.9872	1.9675	56.3338	17.1679	1.96758
8600	5.1689	-1.9937	1.9742	56.5207	17.1539	1.97428
8700	5.1734	-2.0001	1.9802	56.6981	17.1331	1.98034
8800	5.1777	-2.0063	1.9858	56.8689	17.1083	1.98595
8900	5.1819	-2.0123	1.9911	57.0346	17.0809	1.99121
9000	5.1860	-2.0183	1.9960	57.1969	17.0525	1.99621
9100	5.1901	-2.0241	2.0008	57.3573	17.0246	2.00105
9200	5.1942	-2.0299	2.0056	57.5169	16.9984	2.00581
9300	5.1983	-2.0356	2.0103	57.6769	16.9745	2.01056
9400	5.2024	-2.0413	2.0150	57.8382	16.9546	2.01538
9500	5.2066	-2.0469	2.0199	58.0017	16.9387	2.02031
9600	5.2109	-2.0525	2.0249	58.1681	16.9279	2.02540
9700	5.2152	-2.0582	2.0302	58.3381	16.9225	2.03069
9800	5.2197	-2.0638	2.0356	58.5124	16.9232	2.03625
9900	5.2243	-2.0694	2.0414	58.6914	16.9305	2.04210
10000	5.2290	-2.0751	2.0475	58.8759	16.9447	2.04828
10100	5.2339	-2.0808	2.0539	59.0661	16.9662	2.05484
10200	5.2389	-2.0865	2.0608	59.2629	16.9956	2.06179
10300	5.2441	-2.0922	2.0680	59.4663	17.0331	2.06919
10400	5.2495	-2.0981	2.0758	59.6770	17.0791	2.07706
10500	5.2550	-2.1039	2.0840	59.8954	17.1337	2.08543
10600	5.2608	-2.1099	2.0927	60.1219	17.1976	2.09435
10700	5.2667	-2.1159	2.1020	60.3569	17.2708	2.10383
10800	5.2728	-2.1220	2.1119	60.6008	17.3537	2.11391
10900	5.2791	-2.1281	2.1224	60.8538	17.4463	2.12461
11000	5.2856	-2.1343	2.1335	61.1164	17.5491	2.13596
11100	5.2924	-2.1407	2.1453	61.3891	17.6625	2.14802

LOG P=-0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.2993	-2.1471	2.1578	61.6720	17.7864	2.16078
11300	5.3064	-2.1536	2.1710	61.9653	17.9209	2.17427
11400	5.3138	-2.1602	2.1850	62.2695	18.0666	2.18855
11500	5.3213	-2.1669	2.1997	62.5850	18.2236	2.20363
11600	5.3291	-2.1737	2.2153	62.9116	18.3918	2.21950
11700	5.3370	-2.1807	2.2316	63.2499	18.5715	2.23624
11800	5.3452	-2.1877	2.2488	63.5999	18.7625	2.25382
11900	5.3535	-2.1948	2.2668	63.9617	18.9653	2.27228
12000	5.3620	-2.2021	2.2858	64.3360	19.1799	2.29168
12100	5.3707	-2.2094	2.3056	64.7219	19.4057	2.31196
12200	5.3796	-2.2169	2.3263	65.1201	19.6433	2.33317
12300	5.3886	-2.2245	2.3480	65.5305	19.8923	2.35533
12400	5.3978	-2.2321	2.3705	65.9527	20.1526	2.37842
12500	5.4071	-2.2399	2.3940	66.3871	20.4240	2.40246
12600	5.4165	-2.2478	2.4184	66.8332	20.7064	2.42745
12700	5.4260	-2.2557	2.4437	67.2909	20.9991	2.45337
12800	5.4356	-2.2637	2.4699	67.7596	21.3020	2.48021
12900	5.4453	-2.2719	2.4970	68.2395	21.6149	2.50797
13000	5.4551	-2.2801	2.5250	68.7296	21.9369	2.53661
13100	5.4649	-2.2883	2.5537	69.2291	22.2670	2.56609
13200	5.4748	-2.2966	2.5833	69.7381	22.6053	2.59640
13300	5.4847	-2.3050	2.6137	70.2558	22.9511	2.62751
13400	5.4945	-2.3133	2.6448	70.7810	23.3029	2.65933
13500	5.5044	-2.3218	2.6766	71.3133	23.6608	2.69185
13600	5.5142	-2.3302	2.7090	71.8519	24.0234	2.72501
13700	5.5239	-2.3386	2.7419	72.3952	24.3893	2.75871
13800	5.5336	-2.3471	2.7753	72.9427	24.7581	2.79292
13900	5.5432	-2.3554	2.8091	73.4926	25.1281	2.82750
14000	5.5528	-2.3638	2.8433	74.0533	25.5073	2.86245
14100	5.5620	-2.3721	2.8778	74.5972	25.8685	2.89765
14200	5.5712	-2.3804	2.9124	75.1496	26.2368	2.93303
14300	5.5802	-2.3886	2.9471	75.6998	26.6017	2.96848
14400	5.5891	-2.3967	2.9818	76.2480	26.9630	3.00396
14500	5.5978	-2.4047	3.0165	76.7916	27.3189	3.03931
14600	5.6063	-2.4126	3.0509	77.3294	27.6680	3.07445
14700	5.6146	-2.4204	3.0851	77.8614	28.0098	3.10934
14800	5.6227	-2.4281	3.1190	78.3862	28.3436	3.14388
14900	5.6306	-2.4357	3.1525	78.9024	28.6675	3.17796
15000	5.6382	-2.4431	3.1854	79.4087	28.9809	3.21149

LOG P=-0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5328	0.3433	0.9840	20.2642	3.4103	1.00000
200	2.8425	0.0359	0.9983	22.7279	3.4792	1.00000
300	3.0196	-0.1408	0.9998	24.1489	3.4870	1.00000
400	3.1454	-0.2660	1.0002	25.1593	3.4943	1.00000
500	3.2439	-0.3630	1.0003	25.9540	3.5069	1.00000
600	3.3255	-0.4422	1.0003	26.6133	3.5269	1.00000
700	3.3955	-0.5091	1.0003	27.1845	3.5516	1.00000
800	3.4572	-0.5571	1.0003	27.6891	3.5818	1.00000
900	3.5121	-0.6182	1.0003	28.1459	3.6130	1.00000
1000	3.5619	-0.6540	1.0003	28.5605	3.6468	1.00000
1100	3.6071	-0.7054	1.0002	28.9439	3.6792	1.00000
1200	3.6488	-0.7432	1.0002	29.2990	3.7122	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1300	3.6874	-0.7778	1.0002	29.6299	3.7453	1.00000
1400	3.7234	-0.8100	1.0002	29.9400	3.7778	1.00000
1500	3.7570	-0.8400	1.0002	30.2353	3.8098	1.00000
1600	3.7887	-0.8681	1.0002	30.5143	3.8421	1.00000
1700	3.8186	-0.8944	1.0002	30.7801	3.8743	1.00000
1800	3.8470	-0.9192	1.0002	31.0346	3.9061	1.00002
1900	3.8741	-0.9427	1.0002	31.2796	3.9390	1.00006
2000	3.9002	-0.9650	1.0003	31.5166	3.9734	1.00016
2100	3.9253	-0.9863	1.0005	31.7477	4.0093	1.00034
2200	3.9499	-1.0066	1.0008	31.9748	4.0497	1.00067
2300	3.9739	-1.0262	1.0014	32.2007	4.0943	1.00123
2400	3.9979	-1.0451	1.0023	32.4285	4.1465	1.00215
2500	4.0222	-1.0634	1.0037	32.6615	4.2093	1.00356
2600	4.0469	-1.0813	1.0058	32.9036	4.2850	1.00567
2700	4.0725	-1.0990	1.0088	33.1591	4.3766	1.00870
2800	4.0993	-1.1166	1.0130	33.4323	4.4891	1.01288
2900	4.1274	-1.1343	1.0186	33.7268	4.6238	1.01849
3000	4.1571	-1.1521	1.0258	34.0481	4.7855	1.02573
3100	4.1877	-1.1701	1.0349	34.3925	4.9704	1.03479
3200	4.2193	-1.1885	1.0458	34.7616	5.1781	1.04574
3300	4.2513	-1.2071	1.0585	35.1513	5.4050	1.05845
3400	4.2831	-1.2258	1.0728	35.5554	5.6447	1.07269
3500	4.3138	-1.2446	1.0880	35.9635	5.8852	1.08794
3600	4.3429	-1.2630	1.1037	36.3645	6.1174	1.10357
3700	4.3695	-1.2808	1.1189	36.7462	6.3281	1.11881
3800	4.3934	-1.2979	1.1331	37.0998	6.5109	1.13303
3900	4.4145	-1.3141	1.1459	37.4199	6.6599	1.14579
4000	4.4330	-1.3292	1.1569	37.7056	6.7751	1.15683
4100	4.4492	-1.3434	1.1663	37.9598	6.8610	1.16619
4200	4.4635	-1.3568	1.1741	38.1874	6.9224	1.17406
4300	4.4765	-1.3695	1.1807	38.3946	6.9666	1.18067
4400	4.4884	-1.3815	1.1864	38.5871	6.9981	1.18636
4500	4.4998	-1.3932	1.1915	38.7707	7.0246	1.19140
4600	4.5109	-1.4044	1.1961	38.9497	7.0485	1.19606
4700	4.5219	-1.4154	1.2006	39.1286	7.0756	1.20057
4800	4.5330	-1.4262	1.2052	39.3110	7.1087	1.20513
4900	4.5446	-1.4368	1.2100	39.5002	7.1512	1.20994
5000	4.5571	-1.4474	1.2151	39.7065	7.2132	1.21506
5100	4.5698	-1.4581	1.2209	39.9190	7.2820	1.22089
5200	4.5833	-1.4689	1.2275	40.1470	7.3679	1.22747
5300	4.5978	-1.4798	1.2350	40.3936	7.4735	1.23499
5400	4.6133	-1.4910	1.2437	40.6621	7.6011	1.24361
5500	4.6299	-1.5024	1.2536	40.9549	7.7534	1.25351
5600	4.6476	-1.5141	1.2649	41.2747	7.9320	1.26486
5700	4.6665	-1.5262	1.2779	41.6251	8.1399	1.27784
5800	4.6866	-1.5388	1.2927	42.0075	8.3789	1.29262
5900	4.7079	-1.5518	1.3095	42.4256	8.6514	1.30941
6000	4.7303	-1.5653	1.3283	42.8795	8.9572	1.32825
6100	4.7537	-1.5793	1.3494	43.3714	9.2980	1.34932
6200	4.7780	-1.5938	1.3727	43.9006	9.6732	1.37268
6300	4.8029	-1.6088	1.3984	44.4679	10.0827	1.39838
6400	4.8283	-1.6242	1.4263	45.0698	10.5221	1.42625
6500	4.8540	-1.6401	1.4565	45.7062	10.9918	1.45642
6600	4.8797	-1.6562	1.4886	46.3713	11.4854	1.49856
6700	4.9051	-1.6724	1.5223	47.0569	11.9946	1.52226

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6800	4.9300	-1.6888	1.5574	47.7604	12.5161	1.55738
6900	4.9540	-1.7050	1.5932	48.4675	13.0368	1.59316
7000	4.9771	-1.7210	1.6294	49.1742	13.5520	1.62933
7100	4.9989	-1.7365	1.6651	49.8650	14.0473	1.66504
7200	5.0192	-1.7516	1.6999	50.5337	14.5164	1.69982
7300	5.0379	-1.7660	1.7331	51.1693	14.9488	1.73303
7400	5.0552	-1.7797	1.7645	51.7701	15.3434	1.76446
7500	5.0707	-1.7926	1.7935	52.3266	15.6915	1.79352
7600	5.0848	-1.8048	1.8201	52.8385	15.9936	1.82012
7700	5.0973	-1.8161	1.8441	53.3034	16.2478	1.84404
7800	5.1085	-1.8267	1.8655	53.7249	16.4584	1.86545
7900	5.1185	-1.8367	1.8844	54.1053	16.6280	1.88441
8000	5.1274	-1.8460	1.9011	54.4482	16.7610	1.90112
8100	5.1354	-1.8547	1.9157	54.7564	16.8604	1.91570
8200	5.1425	-1.8629	1.9285	55.0354	16.9320	1.92847
8300	5.1490	-1.8706	1.9396	55.2883	16.9794	1.93961
8400	5.1549	-1.8780	1.9493	55.5201	17.0076	1.94938
8500	5.1604	-1.8851	1.9580	55.7342	17.0204	1.95803
8600	5.1655	-1.8918	1.9656	55.9332	17.0202	1.96568
8700	5.1702	-1.8984	1.9724	56.1201	17.0105	1.97252
8800	5.1748	-1.9047	1.9786	56.2980	16.9940	1.97875
8900	5.1791	-1.9109	1.9844	56.4688	16.9729	1.98450
9000	5.1834	-1.9169	1.9897	56.6341	16.9487	1.98987
9100	5.1875	-1.9228	1.9948	56.7959	16.9233	1.99496
9200	5.1916	-1.9286	1.9996	56.9553	16.8979	1.99987
9300	5.1957	-1.9343	2.0044	57.1135	16.8735	2.00467
9400	5.1998	-1.9400	2.0091	57.2718	16.8515	2.00945
9500	5.2039	-1.9456	2.0139	57.4311	16.8326	2.01427
9600	5.2080	-1.9512	2.0187	57.5920	16.8172	2.01918
9700	5.2122	-1.9568	2.0237	57.7554	16.8064	2.02421
9800	5.2166	-1.9623	2.0289	57.9220	16.8007	2.02945
9900	5.2210	-1.9679	2.0342	58.0923	16.8003	2.03489
10000	5.2255	-1.9735	2.0399	58.2670	16.8062	2.04063
10100	5.2301	-1.9790	2.0458	58.4464	16.8184	2.04665
10200	5.2349	-1.9846	2.0521	58.6313	16.8375	2.05302
10300	5.2398	-1.9903	2.0587	58.8218	16.8635	2.05976
10400	5.2449	-1.9960	2.0657	59.0186	16.8973	2.06691
10500	5.2501	-2.0017	2.0731	59.2220	16.9389	2.07449
10600	5.2555	-2.0074	2.0810	59.4325	16.9885	2.08255
10700	5.2610	-2.0133	2.0894	59.6504	17.0466	2.09110
10800	5.2668	-2.0191	2.0983	59.8761	17.1134	2.10018
10900	5.2727	-2.0251	2.1077	60.1098	17.1891	2.10981
11000	5.2788	-2.0311	2.1177	60.3520	17.2740	2.12003
11100	5.2851	-2.0372	2.1283	60.6031	17.3683	2.13086
11200	5.2916	-2.0434	2.1395	60.8633	17.4724	2.14233
11300	5.2983	-2.0497	2.1514	61.1328	17.5862	2.15445
11400	5.3051	-2.0560	2.1639	61.4121	17.7101	2.16728
11500	5.3122	-2.0624	2.1771	61.7015	17.8441	2.18083
11600	5.3195	-2.0690	2.1911	62.0008	17.9885	2.19510
11700	5.3269	-2.0756	2.2057	62.3108	18.1433	2.21014
11800	5.3345	-2.0823	2.2212	62.6313	18.3087	2.22596
11900	5.3424	-2.0891	2.2374	62.9626	18.4849	2.24258
12000	5.3504	-2.0961	2.2544	63.3053	18.6721	2.26005
12100	5.3586	-2.1031	2.2723	63.6586	18.8698	2.27833
12200	5.3669	-2.1102	2.2909	64.0235	19.0784	2.29749

LOG P=-0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12300	5.3754	-2.1175	2.3104	64.3995	19.2977	2.31751
12400	5.3841	-2.1248	2.3308	64.7866	19.5277	2.33840
12500	5.3929	-2.1322	2.3520	65.1851	19.7684	2.36018
12600	5.4018	-2.1397	2.3741	65.5947	20.0194	2.38285
12700	5.4109	-2.1473	2.3971	66.0155	20.2810	2.40642
12800	5.4201	-2.1550	2.4209	66.4468	20.5522	2.43086
12900	5.4294	-2.1628	2.4456	66.8892	20.8335	2.45620
13000	5.4387	-2.1707	2.4711	67.3416	21.1239	2.48239
13100	5.4481	-2.1786	2.4974	67.8036	21.4227	2.50942
13200	5.4576	-2.1866	2.5246	68.2754	21.7304	2.53729
13300	5.4672	-2.1947	2.5525	68.7563	22.0462	2.56597
13400	5.4768	-2.2028	2.5812	69.2455	22.3692	2.59541
13500	5.4863	-2.2109	2.6106	69.7429	22.6990	2.62561
13600	5.4959	-2.2191	2.6408	70.2476	23.0351	2.65650
13700	5.5055	-2.2273	2.6715	70.7584	23.3759	2.68803
13800	5.5150	-2.2356	2.7028	71.2751	23.7212	2.72015
13900	5.5245	-2.2438	2.7346	71.7960	24.0697	2.75279
14000	5.5340	-2.2520	2.7669	72.3288	24.4285	2.78590
14100	5.5432	-2.2602	2.7997	72.8486	24.7734	2.81942
14200	5.5524	-2.2683	2.8327	73.3784	25.1266	2.85328
14300	5.5615	-2.2765	2.8660	73.9086	25.4793	2.88737
14400	5.5705	-2.2845	2.8995	74.4391	25.8309	2.92168
14500	5.5793	-2.2925	2.9331	74.9679	26.1797	2.95606
14600	5.5880	-2.3005	2.9667	75.4936	26.5243	2.99042
14700	5.5965	-2.3083	3.0003	76.0165	26.8650	3.02476
14800	5.6048	-2.3161	3.0337	76.5350	27.2002	3.05894
14900	5.6130	-2.3237	3.0669	77.0477	27.5284	3.09288
15000	5.6209	-2.3313	3.0999	77.5537	27.8492	3.12650

LOG P=-0.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5292	0.4457	0.9788	20.0142	3.3821	1.00000
200	2.8422	0.1352	0.9979	22.4958	3.4768	1.00000
300	3.0195	-0.0407	0.9998	23.9186	3.4866	1.00000
400	3.1454	-0.1660	1.0002	24.9287	3.4939	1.00000
500	3.2439	-0.2630	1.0004	25.7238	3.5068	1.00000
600	3.3255	-0.3422	1.0003	26.3832	3.5269	1.00000
700	3.3955	-0.4092	1.0004	26.9543	3.5517	1.00000
800	3.4572	-0.4571	1.0004	27.4588	3.5819	1.00000
900	3.5121	-0.5183	1.0004	27.9157	3.6130	1.00000
1000	3.5619	-0.5640	1.0003	28.3301	3.6469	1.00000
1100	3.6072	-0.6054	1.0003	28.7135	3.6793	1.00000
1200	3.6488	-0.6432	1.0003	29.0686	3.7124	1.00000
1300	3.6874	-0.6779	1.0003	29.3996	3.7454	1.00000
1400	3.7234	-0.7100	1.0002	29.7101	3.7779	1.00000
1500	3.7570	-0.7401	1.0003	30.0050	3.8098	1.00000
1600	3.7887	-0.7591	1.0002	30.2840	3.8422	1.00000
1700	3.8186	-0.7944	1.0002	30.5498	3.8743	1.00000
1800	3.8470	-0.8192	1.0002	30.8042	3.9060	1.00002
1900	3.8741	-0.8427	1.0003	31.0491	3.9388	1.00006
2000	3.9001	-0.8650	1.0003	31.2858	3.9728	1.00014
2100	3.9252	-0.8863	1.0005	31.5163	4.0083	1.00030
2200	3.9496	-0.9066	1.0008	31.7424	4.0477	1.00060
2300	3.9735	-0.9261	1.0013	31.9666	4.0907	1.00109

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2400	3.9973	-0.9450	1.0021	32.1918	4.1405	1.00191
2500	4.0212	-0.9632	1.0033	32.4210	4.2000	1.00317
2600	4.0455	-0.9811	1.0052	32.6578	4.2707	1.00506
2700	4.0704	-0.9986	1.0079	32.9060	4.3557	1.00776
2800	4.0964	-1.0160	1.0117	33.1696	4.4595	1.01151
2900	4.1236	-1.0334	1.0167	33.4521	4.5834	1.01655
3000	4.1522	-1.0509	1.0232	33.7589	4.7321	1.02309
3100	4.1818	-1.0687	1.0314	34.0865	4.9023	1.03129
3200	4.2122	-1.0866	1.0414	34.4376	5.0945	1.04128
3300	4.2433	-1.1048	1.0531	34.8092	5.3060	1.05298
3400	4.2744	-1.1232	1.0664	35.1965	5.5321	1.06626
3500	4.3047	-1.1417	1.0808	35.5912	5.7627	1.08070
3600	4.3337	-1.1599	1.0959	35.9839	5.9900	1.09578
3700	4.3607	-1.1777	1.1109	36.3631	6.2017	1.11081
3800	4.3853	-1.1949	1.1253	36.7198	6.3909	1.12518
3900	4.4073	-1.2112	1.1385	37.0475	6.5504	1.13838
4000	4.4267	-1.2267	1.1502	37.3430	6.6782	1.15005
4100	4.4438	-1.2412	1.1602	37.6077	6.7758	1.16013
4200	4.4589	-1.2548	1.1688	37.8450	6.8496	1.16870
4300	4.4725	-1.2677	1.1760	38.0600	6.9033	1.17594
4400	4.4849	-1.2800	1.1822	38.2582	6.9420	1.18215
4500	4.4966	-1.2918	1.1877	38.4453	6.9731	1.18760
4600	4.5078	-1.3031	1.1926	38.6255	6.9995	1.19253
4700	4.5188	-1.3141	1.1973	38.8034	7.0265	1.19718
4800	4.5299	-1.3250	1.2019	38.9827	7.0575	1.20178
4900	4.5412	-1.3356	1.2066	39.1666	7.0958	1.20651
5000	4.5534	-1.3462	1.2115	39.3654	7.1514	1.21142
5100	4.5656	-1.3567	1.2170	39.5681	7.2117	1.21693
5200	4.5785	-1.3673	1.2231	39.7840	7.2869	1.22307
5300	4.5923	-1.3781	1.2301	40.0157	7.3794	1.23000
5400	4.6070	-1.3890	1.2380	40.2667	7.4913	1.23790
5500	4.6226	-1.4001	1.2470	40.5391	7.6254	1.24691
5600	4.6393	-1.4115	1.2573	40.8353	7.7829	1.25721
5700	4.6572	-1.4232	1.2690	41.1590	7.9670	1.26896
5800	4.6761	-1.4353	1.2824	41.5113	8.1791	1.28233
5900	4.6963	-1.4478	1.2976	41.8959	8.4218	1.29752
6000	4.7174	-1.4608	1.3146	42.3132	8.6951	1.31457
6100	4.7396	-1.4743	1.3337	42.7654	9.0009	1.33367
6200	4.7627	-1.4882	1.3550	43.2527	9.3394	1.35491
6300	4.7866	-1.5026	1.3784	43.7759	9.7105	1.37836
6400	4.8110	-1.5174	1.4040	44.3332	10.1113	1.40391
6500	4.8359	-1.5326	1.4318	44.9249	10.5429	1.43172
6600	4.8610	-1.5482	1.4616	45.5470	11.0007	1.46156
6700	4.8859	-1.5640	1.4932	46.1930	11.4779	1.49313
6800	4.9107	-1.5800	1.5264	46.8617	11.9726	1.52637
6900	4.9348	-1.5960	1.5607	47.5410	12.4737	1.56065
7000	4.9583	-1.6119	1.5958	48.2283	12.9777	1.59578
7100	4.9807	-1.6276	1.6310	48.9088	13.4709	1.63097
7200	5.0018	-1.6428	1.6659	49.5771	13.9473	1.66581
7300	5.0216	-1.6575	1.6997	50.2213	14.3961	1.69962
7400	5.0399	-1.6717	1.7322	50.8394	14.8152	1.73218
7500	5.0567	-1.6851	1.7629	51.4199	15.1944	1.76282
7600	5.0721	-1.6979	1.7914	51.9613	15.5323	1.79133
7700	5.0858	-1.7098	1.8174	52.4590	15.8251	1.81740
7800	5.0983	-1.7210	1.8411	52.9149	16.0752	1.84107

LOG P=-0.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7900	5.1094	-1.7315	1.8624	53.3297	16.2839	1.86233
8000	5.1194	-1.7414	1.8813	53.7056	16.4540	1.88127
8100	5.1283	-1.7506	1.8980	54.0445	16.5876	1.89795
8200	5.1363	-1.7593	1.9127	54.3513	16.6901	1.91256
8300	5.1435	-1.7675	1.9255	54.6288	16.7649	1.92553
8400	5.1500	-1.7752	1.9368	54.8820	16.8169	1.93686
8500	5.1560	-1.7826	1.9468	55.1145	16.8501	1.94685
8600	5.1615	-1.7896	1.9556	55.3287	16.8671	1.95565
8700	5.1667	-1.7964	1.9634	55.5280	16.8714	1.96347
8800	5.1715	-1.8029	1.9704	55.7158	16.8664	1.97051
8900	5.1761	-1.8092	1.9768	55.8941	16.8542	1.97691
9000	5.1805	-1.8153	1.9826	56.0649	16.8367	1.98280
9100	5.1848	-1.8213	1.9881	56.2303	16.8161	1.98830
9200	5.1889	-1.8272	1.9933	56.3915	16.7938	1.99349
9300	5.1930	-1.8330	1.9982	56.5499	16.7707	1.99847
9400	5.1971	-1.8387	2.0030	56.7071	16.7488	2.00335
9500	5.2012	-1.8443	2.0078	56.8638	16.7284	2.00817
9600	5.2053	-1.8499	2.0126	57.0211	16.7104	2.01299
9700	5.2094	-1.8554	2.0174	57.1795	16.6958	2.01788
9800	5.2136	-1.8609	2.0223	57.3400	16.6852	2.02288
9900	5.2178	-1.8664	2.0274	57.5033	16.6790	2.02804
10000	5.2221	-1.8719	2.0327	57.6698	16.6781	2.03340
10100	5.2266	-1.8774	2.0382	57.8401	16.6824	2.03900
10200	5.2311	-1.8829	2.0440	58.0148	16.6927	2.04498
10300	5.2358	-1.8885	2.0500	58.1942	16.7092	2.05107
10400	5.2406	-1.8940	2.0565	58.3789	16.7323	2.05761
10500	5.2455	-1.8996	2.0632	58.5692	16.7623	2.06450
10600	5.2506	-1.9052	2.0704	58.7657	16.7998	2.07182
10700	5.2558	-1.9109	2.0780	58.9684	16.8446	2.07956
10800	5.2612	-1.9166	2.0860	59.1781	16.8973	2.08776
10900	5.2668	-1.9224	2.0945	59.3947	16.9579	2.09645
11000	5.2725	-1.9282	2.1035	59.6188	17.0268	2.10567
11100	5.2784	-1.9341	2.1130	59.8507	17.1044	2.11541
11200	5.2845	-1.9400	2.1231	60.0907	17.1905	2.12573
11300	5.2908	-1.9461	2.1337	60.3389	17.2857	2.13664
11400	5.2972	-1.9522	2.1450	60.5959	17.3897	2.14816
11500	5.3038	-1.9584	2.1568	60.8619	17.5034	2.16034
11600	5.3106	-1.9646	2.1693	61.1367	17.6263	2.17318
11700	5.3176	-1.9710	2.1825	61.4212	17.7589	2.18670
11800	5.3248	-1.9774	2.1964	61.7151	17.9008	2.20092
11900	5.3321	-1.9840	2.2109	62.0189	18.0529	2.21588
12000	5.3396	-1.9906	2.2262	62.3328	18.2152	2.23160
12100	5.3473	-1.9973	2.2423	62.6566	18.3871	2.24807
12200	5.3552	-2.0041	2.2591	62.9908	18.5694	2.26534
12300	5.3632	-2.0111	2.2766	63.3353	18.7613	2.28339
12400	5.3713	-2.0181	2.2950	63.6900	18.9635	2.30226
12500	5.3797	-2.0252	2.3141	64.0554	19.1757	2.32196
12600	5.3881	-2.0323	2.3341	64.4311	19.3978	2.34247
12700	5.3967	-2.0396	2.3548	64.8174	19.6301	2.36385
12800	5.4054	-2.0470	2.3764	65.2138	19.8714	2.38603
12900	5.4143	-2.0545	2.3988	65.6207	20.1226	2.40908
13000	5.4232	-2.0620	2.4220	66.0373	20.3829	2.43295
13100	5.4322	-2.0696	2.4460	66.4634	20.6519	2.45753
13200	5.4413	-2.0773	2.4708	66.8994	20.9297	2.48314
13300	5.4505	-2.0850	2.4964	67.3445	21.2157	2.50946

LOG P=-0.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13400	5.4597	-2.0928	2.5227	67.7982	21.5096	2.53654
13500	5.4690	-2.1007	2.5498	68.2605	21.8106	2.56439
13600	5.4783	-2.1086	2.5776	68.7306	22.1186	2.59296
13700	5.4876	-2.1166	2.6060	69.2077	22.4325	2.62222
13800	5.4969	-2.1245	2.6351	69.6916	22.7521	2.65213
13900	5.5062	-2.1325	2.6648	70.1811	23.0763	2.68264
14000	5.5156	-2.1405	2.6950	70.6832	23.4118	2.71370
14100	5.5246	-2.1486	2.7258	71.1753	23.7361	2.74529
14200	5.5338	-2.1566	2.7570	71.5785	24.0704	2.77732
14300	5.5428	-2.1646	2.7885	72.1840	24.4060	2.80974
14400	5.5519	-2.1725	2.8204	72.6919	24.7426	2.84251
14500	5.5607	-2.1805	2.8526	73.2004	25.0786	2.87550
14600	5.5694	-2.1883	2.8849	73.7083	25.4133	2.90856
14700	5.5780	-2.1962	2.9174	74.2160	25.7462	2.94198
14800	5.5865	-2.2039	2.9499	74.7219	26.0765	2.97534
14900	5.5948	-2.2116	2.9824	75.2244	26.4024	3.00854
15000	5.6030	-2.2192	3.0149	75.7232	26.7235	3.04183

LOG P= 0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5263	0.5487	0.9721	19.7695	3.3595	1.00000
200	2.8419	0.2365	0.9975	22.2636	3.4742	1.00000
300	3.0195	0.0594	0.9999	23.6883	3.4865	1.00000
400	3.1453	-0.0659	1.0003	24.6979	3.4931	1.00000
500	3.2439	-0.1530	1.0004	25.4914	3.5067	1.00000
600	3.3255	-0.2423	1.0004	26.1529	3.5269	1.00000
700	3.3955	-0.3092	1.0005	26.7243	3.5517	1.00000
800	3.4572	-0.3672	1.0004	27.2288	3.5819	1.00000
900	3.5121	-0.4183	1.0005	27.6854	3.6130	1.00000
1000	3.5619	-0.4541	1.0004	28.0998	3.6469	1.00000
1100	3.6072	-0.5054	1.0004	28.4831	3.6793	1.00000
1200	3.6488	-0.5432	1.0003	28.8382	3.7124	1.00000
1300	3.6875	-0.5780	1.0003	29.1692	3.7455	1.00000
1400	3.7234	-0.6102	1.0003	29.4803	3.7780	1.00000
1500	3.7570	-0.6401	1.0003	29.7748	3.8098	1.00000
1600	3.7887	-0.6681	1.0003	30.0537	3.8422	1.00000
1700	3.8186	-0.6944	1.0003	30.3195	3.8743	1.00000
1800	3.8470	-0.7193	1.0003	30.5739	3.9059	1.00001
1900	3.8741	-0.7427	1.0003	30.8186	3.9386	1.00005
2000	3.9001	-0.7650	1.0004	31.0550	3.9724	1.00012
2100	3.9251	-0.7863	1.0005	31.2849	4.0073	1.00026
2200	3.9494	-0.8066	1.0007	31.5102	4.0460	1.00052
2300	3.9732	-0.8261	1.0012	31.7330	4.0876	1.00098
2400	3.9967	-0.8449	1.0019	31.9558	4.1353	1.00170
2500	4.0203	-0.8631	1.0030	32.1817	4.1916	1.00283
2600	4.0442	-0.8809	1.0047	32.4137	4.2580	1.00451
2700	4.0685	-0.8983	1.0071	32.6552	4.3369	1.00693
2800	4.0939	-0.9155	1.0105	32.9102	4.4330	1.01028
2900	4.1201	-0.9327	1.0150	33.1818	4.5470	1.01490
3000	4.1477	-0.9499	1.0208	33.4753	4.6840	1.02069
3100	4.1763	-0.9573	1.0283	33.7877	4.8405	1.02811
3200	4.2057	-0.9849	1.0374	34.1217	5.0179	1.03720
3300	4.2357	-1.0028	1.0481	34.4757	5.2145	1.04793
3400	4.2660	-1.0208	1.0604	34.8463	5.4267	1.06024

T	LOG H/R	LOG R+O	Z	S/R	H/RT	Z*
3500	4.2959	-1.0389	1.0740	35.2266	5.6461	1.07381
3600	4.3247	-1.0569	1.0884	35.6089	5.8664	1.08823
3700	4.3518	-1.0746	1.1030	35.9829	6.0764	1.10289
3800	4.3770	-1.0918	1.1173	36.3398	6.2691	1.11722
3900	4.3997	-1.1083	1.1308	36.6723	6.4365	1.13068
4000	4.4200	-1.1240	1.1430	36.9760	6.5751	1.14287
4100	4.4379	-1.1387	1.1537	37.2503	6.6858	1.15359
4200	4.4539	-1.1527	1.1630	37.4972	6.7704	1.16285
4300	4.4682	-1.1658	1.1708	37.7206	6.8341	1.17074
4400	4.4811	-1.1783	1.1776	37.9254	6.8809	1.17751
4500	4.4932	-1.1902	1.1835	38.1170	6.9178	1.18342
4600	4.5046	-1.2017	1.1888	38.2996	6.9478	1.18869
4700	4.5157	-1.2128	1.1937	38.4777	6.9759	1.19357
4800	4.5267	-1.2237	1.1984	38.6550	7.0061	1.19827
4900	4.5379	-1.2344	1.2031	38.8350	7.0416	1.20298
5000	4.5497	-1.2448	1.2079	39.0276	7.0922	1.20776
5100	4.5616	-1.2553	1.2131	39.2221	7.1455	1.21303
5200	4.5740	-1.2658	1.2189	39.4275	7.2116	1.21881
5300	4.5872	-1.2764	1.2253	39.6463	7.2927	1.22525
5400	4.6011	-1.2871	1.2326	39.8818	7.3910	1.23251
5500	4.6159	-1.2979	1.2408	40.1360	7.5088	1.24076
5600	4.6317	-1.3090	1.2502	40.4114	7.6477	1.25014
5700	4.6485	-1.3204	1.2609	40.7110	7.8103	1.26080
5800	4.6564	-1.3321	1.2730	41.0362	7.9983	1.27291
5900	4.6854	-1.3442	1.2867	41.3906	8.2141	1.28665
6000	4.7054	-1.3567	1.3022	41.7745	8.4577	1.30208
6100	4.7264	-1.3696	1.3195	42.1905	8.7314	1.31938
6200	4.7483	-1.3829	1.3387	42.6387	9.0354	1.33866
6300	4.7711	-1.3968	1.3601	43.1208	9.3704	1.35999
6400	4.7945	-1.4110	1.3834	43.6354	9.7343	1.38333
6500	4.8185	-1.4257	1.4089	44.1836	10.1287	1.40885
6600	4.8428	-1.4407	1.4365	44.7629	10.5503	1.43642
6700	4.8672	-1.4560	1.4659	45.3680	10.9935	1.46579
6800	4.8916	-1.4716	1.4970	45.9992	11.4580	1.49698
6900	4.9156	-1.4873	1.5295	46.5460	11.9343	1.52947
7000	4.9392	-1.5030	1.5632	47.3070	12.4197	1.56317
7100	4.9619	-1.5185	1.5974	47.9691	12.9025	1.59736
7200	4.9837	-1.5338	1.6318	48.6275	13.3773	1.63171
7300	5.0043	-1.5488	1.6656	49.2712	13.8335	1.66557
7400	5.0236	-1.5632	1.6988	49.8976	14.2684	1.69873
7500	5.0415	-1.5771	1.7305	50.4945	14.6711	1.73046
7600	5.0580	-1.5903	1.7605	51.0589	15.0387	1.76049
7700	5.0730	-1.6028	1.7884	51.5845	15.3657	1.78840
7800	5.0867	-1.6146	1.8142	52.0715	15.6525	1.81414
7900	5.0990	-1.6257	1.8376	52.5190	15.8990	1.83759
8000	5.1101	-1.6362	1.8588	52.9277	16.1066	1.85875
8100	5.1200	-1.6460	1.8776	53.2983	16.2761	1.87760
8200	5.1299	-1.6551	1.8944	53.6348	16.4120	1.89437
8300	5.1370	-1.6638	1.9092	53.9395	16.5172	1.90916
8400	5.1443	-1.6719	1.9222	54.2171	16.5965	1.92222
8500	5.1509	-1.6797	1.9337	54.4709	16.6535	1.93377
8600	5.1570	-1.6870	1.9439	54.7035	16.6911	1.94394
8700	5.1626	-1.6941	1.9529	54.9183	16.7128	1.95293
8800	5.1678	-1.7008	1.9609	55.1188	16.7222	1.96099
8900	5.1727	-1.7073	1.9681	55.3075	16.7219	1.96824

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	5.1773	-1.7136	1.9747	55.4863	16.7139	1.97482
9100	5.1818	-1.7197	1.9807	55.6576	16.7005	1.98088
9200	5.1861	-1.7257	1.9863	55.8228	16.6833	1.98650
9300	5.1903	-1.7315	1.9916	55.9835	16.6639	1.99180
9400	5.1944	-1.7373	1.9966	56.1414	16.6435	1.99689
9500	5.1985	-1.7429	2.0015	56.2976	16.6236	2.00183
9600	5.2025	-1.7485	2.0063	56.4528	16.6049	2.00669
9700	5.2066	-1.7541	2.0111	56.6081	16.5882	2.01154
9800	5.2107	-1.7596	2.0159	56.7643	16.5743	2.01641
9900	5.2148	-1.7650	2.0208	56.9221	16.5639	2.02138
10000	5.2190	-1.7705	2.0258	57.0821	16.5575	2.02648
10100	5.2233	-1.7759	2.0310	57.2450	16.5556	2.03176
10200	5.2276	-1.7813	2.0364	57.4112	16.5587	2.03725
10300	5.2321	-1.7868	2.0420	57.5812	16.5672	2.04298
10400	5.2367	-1.7922	2.0479	57.7555	16.5813	2.04900
10500	5.2413	-1.7977	2.0541	57.9346	16.6015	2.05533
10600	5.2462	-1.8032	2.0606	58.1187	16.6282	2.06200
10700	5.2511	-1.8087	2.0675	58.3083	16.6615	2.06904
10800	5.2562	-1.8143	2.0748	58.5039	16.7021	2.07649
10900	5.2614	-1.8199	2.0825	58.7053	16.7492	2.08435
11000	5.2668	-1.8255	2.0906	58.9134	16.8042	2.09268
11100	5.2724	-1.8312	2.0992	59.1283	16.8667	2.10148
11200	5.2781	-1.8370	2.1082	59.3503	16.9371	2.11078
11300	5.2839	-1.8428	2.1178	59.5796	17.0157	2.12059
11400	5.2900	-1.8487	2.1279	59.8165	17.1023	2.13097
11500	5.2962	-1.8547	2.1386	60.0615	17.1975	2.14192
11600	5.3025	-1.8607	2.1498	60.3145	17.3011	2.15346
11700	5.3091	-1.8668	2.1616	60.5760	17.4138	2.16562
11800	5.3158	-1.8730	2.1741	60.8459	17.5350	2.17842
11900	5.3227	-1.8793	2.1871	61.1248	17.6653	2.19187
12000	5.3297	-1.8856	2.2009	61.4128	17.8049	2.20601
12100	5.3369	-1.8921	2.2153	61.7097	17.9536	2.22084
12200	5.3443	-1.8986	2.2304	62.0161	18.1116	2.23639
12300	5.3519	-1.9052	2.2462	62.3319	18.2787	2.25266
12400	5.3595	-1.9119	2.2627	62.5571	18.4554	2.26968
12500	5.3674	-1.9187	2.2799	62.9920	18.6414	2.28746
12600	5.3754	-1.9256	2.2979	63.3365	18.8364	2.30599
12700	5.3835	-1.9325	2.3167	63.6909	19.0412	2.32532
12800	5.3918	-1.9396	2.3362	64.0547	19.2548	2.34542
12900	5.4001	-1.9467	2.3564	64.4285	19.4778	2.36632
13000	5.4086	-1.9539	2.3775	64.8114	19.7095	2.38800
13100	5.4172	-1.9612	2.3992	65.2036	19.9497	2.41045
13200	5.4259	-1.9686	2.4218	65.6052	20.1987	2.43371
13300	5.4347	-1.9760	2.4451	66.0158	20.4557	2.45774
13400	5.4435	-1.9835	2.4691	66.4351	20.7207	2.48252
13500	5.4524	-1.9911	2.4939	66.8630	20.9937	2.50807
13600	5.4614	-1.9987	2.5194	67.2990	21.2736	2.53435
13700	5.4704	-2.0064	2.5455	67.7424	21.5605	2.56133
13800	5.4794	-2.0141	2.5724	68.1933	21.8535	2.58900
13900	5.4884	-2.0218	2.5998	68.6506	22.1519	2.61731
14000	5.4976	-2.0296	2.6279	69.1207	22.4622	2.64624
14100	5.5065	-2.0374	2.6566	69.5835	22.7638	2.67576
14200	5.5155	-2.0452	2.6857	70.0577	23.0762	2.70581
14300	5.5244	-2.0530	2.7154	70.5359	23.3913	2.73634
14400	5.5333	-2.0608	2.7455	71.0180	23.7091	2.76732

LOG P= 0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	5.5421	-2.0686	2.7759	71.5025	24.0284	2.79866
14600	5.5508	-2.0764	2.8067	71.9884	24.3481	2.83029
14700	5.5595	-2.0841	2.8377	72.4760	24.6683	2.86223
14800	5.5680	-2.0918	2.8690	72.9639	24.9879	2.89436
14900	5.5764	-2.0995	2.9003	73.4506	25.3052	2.92659
15000	5.5847	-2.1071	2.9318	73.9359	25.6202	2.95888

LOG P= 0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5239	0.6520	0.9649	19.5282	3.3413	1.00000
200	2.8415	0.3368	0.9967	22.0314	3.4714	1.00000
300	3.0195	0.1594	0.9999	23.4578	3.4863	1.00000
400	3.1452	0.0342	1.0004	24.4672	3.4926	1.00000
500	3.2439	-0.0529	1.0006	25.2565	3.5067	1.00000
600	3.3255	-0.1422	1.0006	25.9200	3.5268	1.00000
700	3.3955	-0.2093	1.0006	26.4936	3.5517	1.00000
800	3.4572	-0.2572	1.0006	26.9987	3.5820	1.00000
900	3.5121	-0.3184	1.0006	27.4554	3.6132	1.00000
1000	3.5619	-0.3641	1.0005	27.8695	3.6470	1.00000
1100	3.6072	-0.4055	1.0005	28.2528	3.6794	1.00000
1200	3.6489	-0.4433	1.0004	28.6079	3.7125	1.00000
1300	3.6875	-0.4780	1.0004	28.9389	3.7455	1.00000
1400	3.7234	-0.5102	1.0004	29.2502	3.7780	1.00000
1500	3.7570	-0.5401	1.0004	29.5445	3.8099	1.00000
1600	3.7887	-0.5581	1.0004	29.8234	3.8423	1.00000
1700	3.8186	-0.5945	1.0004	30.0892	3.8743	1.00000
1800	3.8470	-0.6193	1.0004	30.3435	3.9059	1.00001
1900	3.8741	-0.6428	1.0004	30.5881	3.9385	1.00004
2000	3.9000	-0.6651	1.0004	30.8243	3.9720	1.00011
2100	3.9250	-0.6863	1.0005	31.0537	4.0065	1.00023
2200	3.9493	-0.7066	1.0007	31.2782	4.0444	1.00046
2300	3.9729	-0.7261	1.0011	31.4996	4.0848	1.00087
2400	3.9962	-0.7448	1.0018	31.7204	4.1306	1.00151
2500	4.0195	-0.7630	1.0028	31.9433	4.1841	1.00252
2600	4.0430	-0.7807	1.0043	32.1710	4.2466	1.00402
2700	4.0669	-0.7980	1.0064	32.4067	4.3202	1.00618
2800	4.0915	-0.8151	1.0094	32.6539	4.4092	1.00918
2900	4.1170	-0.8321	1.0135	32.9156	4.5144	1.01323
3000	4.1437	-0.8490	1.0187	33.1971	4.6406	1.01853
3100	4.1712	-0.8661	1.0254	33.4953	4.7846	1.02523
3200	4.1996	-0.8834	1.0337	33.8135	4.9481	1.03347
3300	4.2287	-0.9009	1.0435	34.1508	5.1303	1.04329
3400	4.2581	-0.9185	1.0548	34.5047	5.3286	1.05465
3500	4.2873	-0.9363	1.0675	34.8700	5.5361	1.06732
3600	4.3158	-0.9541	1.0812	35.2404	5.7478	1.08099
3700	4.3430	-0.9716	1.0953	35.6069	5.9535	1.09515
3800	4.3684	-0.9887	1.1094	35.9612	6.1470	1.10925
3900	4.3918	-1.0053	1.1230	36.2960	6.3198	1.12282
4000	4.4128	-1.0211	1.1355	36.6058	6.4672	1.13537
4100	4.4316	-1.0361	1.1468	36.8885	6.5888	1.14663
4200	4.4483	-1.0503	1.1567	37.1444	6.6846	1.15652
4300	4.4633	-1.0637	1.1652	37.3763	6.7588	1.16505
4400	4.4769	-1.0764	1.1726	37.5883	6.8144	1.17242
4500	4.4894	-1.0886	1.1790	37.7852	6.8582	1.17883

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T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.5011	-1.1002	1.1846	37.9712	6.8927	1.18450
4700	4.5124	-1.1114	1.1898	38.1506	6.9234	1.18966
4800	4.5235	-1.1223	1.1947	38.3273	6.9540	1.19454
4900	4.5345	-1.1330	1.1994	38.5046	6.9878	1.19931
5000	4.5462	-1.1435	1.2041	38.6924	7.0346	1.20402
5100	4.5577	-1.1539	1.2092	38.8801	7.0824	1.20912
5200	4.5698	-1.1643	1.2147	39.0765	7.1408	1.21462
5300	4.5823	-1.1748	1.2208	39.2842	7.2122	1.22066
5400	4.5956	-1.1853	1.2275	39.5063	7.2986	1.22740
5500	4.6097	-1.1959	1.2351	39.7444	7.4022	1.23498
5600	4.6247	-1.2067	1.2437	40.0012	7.5245	1.24356
5700	4.6406	-1.2178	1.2534	40.2795	7.6681	1.25326
5800	4.6574	-1.2292	1.2644	40.5804	7.8345	1.26425
5900	4.6754	-1.2408	1.2768	40.9075	8.0261	1.27670
6000	4.6942	-1.2529	1.2908	41.2612	8.2429	1.29067
6100	4.7141	-1.2653	1.3064	41.6440	8.4873	1.30634
6200	4.7349	-1.2781	1.3239	42.0564	8.7597	1.32381
6300	4.7565	-1.2914	1.3433	42.5002	9.0612	1.34319
6400	4.7788	-1.3050	1.3645	42.9747	9.3900	1.36445
6500	4.8019	-1.3191	1.3879	43.4814	9.7485	1.38778
6600	4.8253	-1.3336	1.4132	44.0186	10.1340	1.41311
6700	4.8490	-1.3484	1.4403	44.5826	10.5427	1.44025
6800	4.8729	-1.3635	1.4694	45.1743	10.9747	1.46929
6900	4.8966	-1.3788	1.4999	45.7851	11.4222	1.49981
7000	4.9201	-1.3942	1.5319	46.4149	11.8842	1.53178
7100	4.9429	-1.4095	1.5647	47.0522	12.3499	1.56460
7200	4.9651	-1.4248	1.5981	47.6934	12.8151	1.59801
7300	4.9862	-1.4398	1.6315	48.3279	13.2698	1.63141
7400	5.0063	-1.4544	1.6647	48.9536	13.7116	1.66462
7500	5.0252	-1.4686	1.6970	49.5580	14.1289	1.69689
7600	5.0427	-1.4822	1.7280	50.1373	14.5187	1.72795
7700	5.0589	-1.4952	1.7573	50.6841	14.8735	1.75729
7800	5.0737	-1.5075	1.7848	51.1973	15.1927	1.78478
7900	5.0872	-1.5192	1.8103	51.6744	15.4745	1.81022
8000	5.0995	-1.5302	1.8336	52.1145	15.7185	1.83352
8100	5.1105	-1.5406	1.8546	52.5167	15.9241	1.85453
8200	5.1205	-1.5503	1.8735	52.8841	16.0951	1.87344
8300	5.1295	-1.5595	1.8903	53.2179	16.2329	1.89026
8400	5.1376	-1.5681	1.9052	53.5222	16.3421	1.90523
8500	5.1450	-1.5762	1.9185	53.8002	16.4261	1.91852
8600	5.1517	-1.5840	1.9302	54.0541	16.4875	1.93026
8700	5.1578	-1.5913	1.9406	54.2873	16.5297	1.94063
8800	5.1635	-1.5983	1.9498	54.5034	16.5568	1.94989
8900	5.1688	-1.6051	1.9581	54.7053	16.5716	1.95819
9000	5.1737	-1.6116	1.9655	54.8947	16.5759	1.96564
9100	5.1784	-1.6179	1.9723	55.0745	16.5724	1.97244
9200	5.1829	-1.6240	1.9785	55.2461	16.5631	1.97866
9300	5.1873	-1.6299	1.9842	55.4114	16.5494	1.98443
9400	5.1915	-1.6358	1.9896	55.5721	16.5332	1.98988
9500	5.1956	-1.6415	1.9948	55.7296	16.5157	1.99508
9600	5.1997	-1.6471	1.9998	55.8848	16.4981	2.00010
9700	5.2038	-1.6527	2.0046	56.0386	16.4810	2.00502
9800	5.2078	-1.6582	2.0094	56.1922	16.4659	2.00989
9900	5.2119	-1.6636	2.0142	56.3462	16.4527	2.01477
10000	5.2160	-1.6690	2.0191	56.5014	16.4426	2.01971

LOG P= 0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10100	5.2201	-1.5744	2.0241	56.6584	16.4359	2.02476
10200	5.2243	-1.5798	2.0292	56.8179	16.4335	2.02996
10300	5.2286	-1.5851	2.0345	56.9801	16.4354	2.03534
10400	5.2330	-1.5905	2.0399	57.1457	16.4422	2.04094
10500	5.2375	-1.6959	2.0457	57.3150	16.4542	2.04680
10600	5.2420	-1.7013	2.0517	57.4887	16.4718	2.05294
10700	5.2467	-1.7067	2.0580	57.6669	16.4952	2.05939
10800	5.2516	-1.7121	2.0646	57.8500	16.5247	2.06618
10900	5.2565	-1.7176	2.0716	58.0383	16.5606	2.07333
11000	5.2616	-1.7231	2.0789	58.2323	16.6031	2.08088
11100	5.2668	-1.7286	2.0867	58.4322	16.6525	2.08885
11200	5.2722	-1.7342	2.0949	58.6382	16.7090	2.09725
11300	5.2777	-1.7399	2.1035	58.8507	16.7727	2.10611
11400	5.2833	-1.7456	2.1126	59.0699	16.8437	2.11546
11500	5.2892	-1.7513	2.1222	59.2963	16.9226	2.12533
11600	5.2951	-1.7571	2.1322	59.5296	17.0091	2.13572
11700	5.3013	-1.7630	2.1429	59.7706	17.1037	2.14666
11800	5.3076	-1.7690	2.1540	60.0191	17.2063	2.15818
11900	5.3140	-1.7750	2.1658	60.2756	17.3170	2.17028
12000	5.3206	-1.7811	2.1781	60.5403	17.4362	2.18301
12100	5.3274	-1.7873	2.1911	60.8130	17.5638	2.19636
12200	5.3343	-1.7936	2.2046	61.0943	17.6999	2.21035
12300	5.3414	-1.7999	2.2188	61.3840	17.8445	2.22501
12400	5.3486	-1.8063	2.2337	61.6823	17.9978	2.24034
12500	5.3560	-1.8128	2.2492	61.9894	18.1597	2.25637
12600	5.3635	-1.8194	2.2654	62.3054	18.3305	2.27309
12700	5.3712	-1.8260	2.2823	62.6304	18.5099	2.29055
12800	5.3790	-1.8328	2.2998	62.9644	18.6981	2.30872
12900	5.3869	-1.8396	2.3181	63.3073	18.8948	2.32764
13000	5.3950	-1.8465	2.3372	63.6590	19.0997	2.34728
13100	5.4031	-1.8535	2.3569	64.0194	19.3131	2.36765
13200	5.4114	-1.8605	2.3773	64.3889	19.5347	2.38879
13300	5.4197	-1.8676	2.3984	64.7669	19.7645	2.41056
13400	5.4282	-1.8748	2.4203	65.1535	20.0023	2.43327
13500	5.4367	-1.8821	2.4429	65.5485	20.2475	2.45660
13600	5.4453	-1.8894	2.4661	65.9516	20.5002	2.48057
13700	5.4539	-1.8968	2.4901	66.3622	20.7597	2.50542
13800	5.4626	-1.9042	2.5147	66.7804	21.0259	2.53087
13900	5.4714	-1.9117	2.5399	67.2055	21.2984	2.55698
14000	5.4802	-1.9192	2.5658	67.6432	21.5824	2.58373
14100	5.4889	-1.9268	2.5923	68.0755	21.8601	2.61109
14200	5.4976	-1.9343	2.6194	68.5194	22.1484	2.63905
14300	5.5064	-1.9419	2.6469	68.9683	22.4410	2.66754
14400	5.5151	-1.9496	2.6750	69.4223	22.7374	2.69657
14500	5.5238	-1.9572	2.7036	69.8799	23.0367	2.72603
14600	5.5324	-1.9648	2.7325	70.3404	23.3379	2.75599
14700	5.5410	-1.9724	2.7618	70.8042	23.6413	2.78616
14800	5.5495	-1.9800	2.7915	71.2700	23.9458	2.81675
14900	5.5579	-1.9875	2.8214	71.7365	24.2501	2.84757
15000	5.5662	-1.9950	2.8515	72.2035	24.5538	2.87860

LOG P= 0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5215	0.7557	0.9565	19.2873	3.3231	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8411	0.4372	0.9957	21.7988	3.4683	1.00000
300	3.0193	0.2596	0.9992	23.2258	3.4845	1.00000
400	3.1452	0.1341	1.0005	24.2365	3.4923	1.00000
500	3.2438	0.0371	1.0008	25.0229	3.5065	1.00000
600	3.3255	-0.0421	1.0008	25.6856	3.5267	1.00000
700	3.3956	-0.1392	1.0008	26.2597	3.5519	1.00000
800	3.4572	-0.1673	1.0008	26.7663	3.5819	1.00000
900	3.5121	-0.2184	1.0007	27.2249	3.6133	1.00000
1000	3.5620	-0.2642	1.0007	27.6392	3.6472	1.00000
1100	3.6072	-0.3056	1.0006	28.0221	3.6794	1.00000
1200	3.6489	-0.3433	1.0006	28.3775	3.7126	1.00000
1300	3.6875	-0.3781	1.0005	28.7088	3.7456	1.00000
1400	3.7234	-0.4102	1.0005	29.0199	3.7781	1.00000
1500	3.7570	-0.4402	1.0005	29.3142	3.8100	0.99999
1600	3.7887	-0.4682	1.0005	29.5931	3.8423	0.99999
1700	3.8187	-0.4945	1.0005	29.8589	3.8744	1.00000
1800	3.8470	-0.5193	1.0004	30.1132	3.9059	1.00001
1900	3.8741	-0.5428	1.0004	30.3576	3.9384	1.00004
2000	3.9000	-0.5651	1.0005	30.5936	3.9717	1.00009
2100	3.9249	-0.5863	1.0006	30.8226	4.0058	1.00021
2200	3.9491	-0.6066	1.0008	31.0463	4.0430	1.00041
2300	3.9726	-0.6251	1.0011	31.2666	4.0823	1.00077
2400	3.9958	-0.5448	1.0017	31.4857	4.1265	1.00135
2500	4.0189	-0.5529	1.0026	31.7058	4.1775	1.00224
2600	4.0420	-0.6805	1.0039	31.9297	4.2364	1.00358
2700	4.0654	-0.5977	1.0058	32.1601	4.3052	1.00551
2800	4.0894	-0.7147	1.0085	32.4003	4.3879	1.00820
2900	4.1142	-0.7315	1.0121	32.6531	4.4851	1.01183
3000	4.1400	-0.7482	1.0168	32.9237	4.6015	1.01658
3100	4.1666	-0.7650	1.0229	33.2089	4.7341	1.02263
3200	4.1940	-0.7820	1.0303	33.5125	4.8847	1.03009
3300	4.2221	-0.7991	1.0393	33.8339	5.0532	1.03904
3400	4.2506	-0.8164	1.0497	34.1716	5.2378	1.04947
3500	4.2791	-0.8338	1.0615	34.5218	5.4329	1.06124
3600	4.3072	-0.8513	1.0743	34.8793	5.6348	1.07411
3700	4.3342	-0.8586	1.0879	35.2363	5.8343	1.08764
3800	4.3598	-0.8857	1.1016	35.5858	6.0260	1.10139
3900	4.3836	-0.9022	1.1151	35.9203	6.2017	1.11488
4000	4.4052	-0.9182	1.1278	36.2337	6.3557	1.12763
4100	4.4248	-0.9334	1.1395	36.5231	6.4865	1.13931
4200	4.4423	-0.9478	1.1499	36.7870	6.5928	1.14976
4300	4.4581	-0.9614	1.1591	37.0273	6.6773	1.15890
4400	4.4723	-0.9744	1.1670	37.2467	6.7422	1.16687
4500	4.4853	-0.9867	1.1740	37.4498	6.7935	1.17381
4600	4.4974	-0.9985	1.1801	37.6400	6.8337	1.17993
4700	4.5089	-1.0099	1.1856	37.8218	6.8680	1.18544
4800	4.5201	-1.0209	1.1907	37.9989	6.9001	1.19055
4900	4.5312	-1.0316	1.1956	38.1746	6.9335	1.19545
5000	4.5427	-1.0421	1.2003	38.3589	6.9779	1.20016
5100	4.5540	-1.0525	1.2053	38.5411	7.0214	1.20516
5200	4.5656	-1.0629	1.2106	38.7301	7.0737	1.21047
5300	4.5778	-1.0732	1.2163	38.9283	7.1369	1.21619
5400	4.5905	-1.0835	1.2226	39.1386	7.2131	1.22250
5500	4.6039	-1.0940	1.2296	39.3627	7.3043	1.22951
5600	4.6181	-1.1046	1.2375	39.6031	7.4122	1.23738

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	4.6332	-1.1154	1.2464	39.8624	7.5388	1.24625
5800	4.6491	-1.1264	1.2564	40.1416	7.6859	1.25625
5900	4.6660	-1.1377	1.2677	40.4442	7.8557	1.26755
6000	4.6839	-1.1493	1.2803	40.7706	8.0483	1.28020
6100	4.7026	-1.1613	1.2945	41.1234	8.2660	1.29440
6200	4.7223	-1.1736	1.3104	41.5030	8.5095	1.31023
6300	4.7428	-1.1864	1.3279	41.9115	8.7799	1.32782
6400	4.7641	-1.1995	1.3473	42.3487	9.0761	1.34714
6500	4.7861	-1.2130	1.3685	42.8161	9.4005	1.36841
6600	4.8086	-1.2269	1.3917	43.3131	9.7514	1.39159
6700	4.8315	-1.2412	1.4167	43.8367	10.1258	1.41656
6800	4.8547	-1.2558	1.4435	44.3889	10.5246	1.44344
6900	4.8779	-1.2706	1.4720	44.9622	10.9414	1.47189
7000	4.9011	-1.2856	1.5021	45.5577	11.3761	1.50196
7100	4.9239	-1.3007	1.5332	46.1654	11.8196	1.53313
7200	4.9461	-1.3158	1.5653	46.7827	12.2684	1.56520
7300	4.9676	-1.3307	1.5978	47.4004	12.7139	1.59768
7400	4.9883	-1.3454	1.6305	48.0170	13.1542	1.63042
7500	5.0079	-1.3598	1.6628	48.6203	13.5781	1.66272
7600	5.0264	-1.3737	1.6944	49.2063	13.9817	1.69429
7700	5.0436	-1.3871	1.7247	49.7669	14.3572	1.72459
7800	5.0595	-1.3999	1.7535	50.3000	14.7028	1.75345
7900	5.0742	-1.4121	1.7806	50.8017	15.0151	1.78056
8000	5.0876	-1.4236	1.8058	51.2696	15.2926	1.80576
8100	5.0997	-1.4345	1.8289	51.7014	15.5330	1.82881
8200	5.1108	-1.4448	1.8499	52.0988	15.7386	1.84980
8300	5.1208	-1.4545	1.8687	52.4622	15.9101	1.86870
8400	5.1298	-1.4636	1.8857	52.7947	16.0512	1.88567
8500	5.1380	-1.4722	1.9009	53.0990	16.1649	1.90085
8600	5.1454	-1.4804	1.9143	53.3768	16.2531	1.91433
8700	5.1522	-1.4881	1.9263	53.6311	16.3191	1.92628
8800	5.1585	-1.4955	1.9369	53.8660	16.3671	1.93696
8900	5.1642	-1.5025	1.9465	54.0838	16.3998	1.94650
9000	5.1696	-1.5092	1.9550	54.2868	16.4194	1.95503
9100	5.1747	-1.5157	1.9626	54.4778	16.4289	1.96275
9200	5.1794	-1.5220	1.9696	54.6583	16.4298	1.96974
9300	5.1840	-1.5281	1.9760	54.8305	16.4245	1.97615
9400	5.1884	-1.5341	1.9819	54.9963	16.4147	1.98211
9500	5.1926	-1.5399	1.9875	55.1572	16.4019	1.98772
9600	5.1968	-1.5456	1.9927	55.3143	16.3873	1.99303
9700	5.2009	-1.5512	1.9978	55.4686	16.3718	1.99814
9800	5.2049	-1.5567	2.0027	55.6214	16.3568	2.00313
9900	5.2090	-1.5622	2.0076	55.7734	16.3428	2.00803
10000	5.2130	-1.5676	2.0124	55.9254	16.3306	2.01292
10100	5.2171	-1.5729	2.0172	56.0782	16.3209	2.01786
10200	5.2212	-1.5783	2.0221	56.2324	16.3143	2.02287
10300	5.2253	-1.5836	2.0272	56.3884	16.3112	2.02800
10400	5.2295	-1.5889	2.0324	56.5470	16.3122	2.03329
10500	5.2338	-1.5942	2.0377	56.7083	16.3175	2.03877
10600	5.2382	-1.5995	2.0433	56.8731	16.3274	2.04448
10700	5.2427	-1.6048	2.0491	57.0415	16.3426	2.05044
10800	5.2473	-1.6101	2.0552	57.2140	16.3629	2.05568
10900	5.2520	-1.6155	2.0616	57.3909	16.3889	2.06322
11000	5.2568	-1.6209	2.0683	57.5726	16.4208	2.07010
11100	5.2617	-1.6263	2.0753	57.7593	16.4588	2.07734

LOG P= 0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.2668	-1.6317	2.0827	57.9513	16.5030	2.08497
11300	5.2720	-1.6372	2.0905	58.1490	16.5537	2.09299
11400	5.2773	-1.6427	2.0987	58.3524	16.6109	2.10144
11500	5.2828	-1.6483	2.1073	58.5622	16.6755	2.11035
11600	5.2884	-1.6539	2.1164	58.7780	16.7468	2.11972
11700	5.2942	-1.6596	2.1260	59.0007	16.8254	2.12958
11800	5.3001	-1.6653	2.1360	59.2300	16.9111	2.13995
11900	5.3061	-1.6712	2.1466	59.4664	17.0046	2.15086
12000	5.3123	-1.6770	2.1577	59.7101	17.1054	2.16231
12100	5.3187	-1.6830	2.1693	59.9610	17.2140	2.17432
12200	5.3252	-1.6890	2.1815	60.2196	17.3304	2.18692
12300	5.3318	-1.6950	2.1942	60.4858	17.4546	2.20012
12400	5.3386	-1.7012	2.2076	60.7598	17.5868	2.21393
12500	5.3455	-1.7074	2.2215	61.0418	17.7270	2.22837
12600	5.3526	-1.7137	2.2361	61.3318	17.8752	2.24345
12700	5.3598	-1.7201	2.2513	61.6301	18.0316	2.25920
12800	5.3672	-1.7265	2.2671	61.9366	18.1960	2.27561
12900	5.3747	-1.7331	2.2836	62.2513	18.3684	2.29270
13000	5.3823	-1.7397	2.3007	62.5742	18.5488	2.31046
13100	5.3900	-1.7463	2.3185	62.9053	18.7370	2.32891
13200	5.3978	-1.7531	2.3370	63.2449	18.9334	2.34807
13300	5.4057	-1.7599	2.3561	63.5924	19.1373	2.36792
13400	5.4138	-1.7668	2.3760	63.9481	19.3488	2.38847
13500	5.4219	-1.7738	2.3964	64.3119	19.5678	2.40971
13600	5.4301	-1.7808	2.4176	64.6836	19.7942	2.43165
13700	5.4383	-1.7879	2.4394	65.0627	20.0274	2.45427
13800	5.4467	-1.7950	2.4619	65.4494	20.2677	2.47757
13900	5.4551	-1.8022	2.4850	65.8430	20.5141	2.50152
14000	5.4636	-1.8094	2.5087	66.2490	20.7724	2.52612
14100	5.4720	-1.8167	2.5330	66.6510	21.0254	2.55135
14200	5.4805	-1.8240	2.5580	67.0645	21.2896	2.57720
14300	5.4890	-1.8314	2.5835	67.4836	21.5583	2.60361
14400	5.4975	-1.8388	2.6095	67.9086	21.8321	2.63061
14500	5.5059	-1.8462	2.6360	68.3380	22.1094	2.65809
14600	5.5144	-1.8536	2.6630	68.7715	22.3902	2.68605
14700	5.5228	-1.8610	2.6905	69.2093	22.6739	2.71449
14800	5.5312	-1.8684	2.7184	69.6505	22.9605	2.74334
14900	5.5396	-1.8758	2.7466	70.0938	23.2480	2.77251
15000	5.5478	-1.8832	2.7751	70.5392	23.5370	2.80201

LOG P= 0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5180	0.8610	0.9451	19.0404	3.2963	1.00000
200	2.8407	0.5377	0.9946	21.5657	3.4644	1.00000
300	3.0189	0.3601	0.9982	22.9928	3.4814	1.00000
400	3.1451	0.2341	1.0006	24.0056	3.4919	1.00000
500	3.2438	0.1370	1.0010	24.7922	3.5063	1.00000
600	3.3255	0.0578	1.0011	25.4531	3.5266	1.00000
700	3.3956	-0.0092	1.0011	26.0254	3.5522	1.00000
800	3.4572	-0.0672	1.0010	26.5309	3.5817	1.00000
900	3.5121	-0.1184	1.0009	26.9917	3.6133	1.00000
1000	3.5619	-0.1642	1.0009	27.4087	3.6471	1.00000
1100	3.6072	-0.2056	1.0008	27.7922	3.6795	1.00000
1200	3.6489	-0.2434	1.0007	28.1472	3.7127	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1300	3.6875	-0.2782	1.0007	28.4790	3.7457	1.00000
1400	3.7234	-0.3103	1.0007	28.7902	3.7782	1.00000
1500	3.7570	-0.3402	1.0006	29.0840	3.8101	0.99999
1600	3.7887	-0.3582	1.0006	29.3629	3.8425	0.99999
1700	3.8187	-0.3946	1.0006	29.6286	3.8745	1.00000
1800	3.8470	-0.4194	1.0005	29.8829	3.9060	1.00001
1900	3.8741	-0.4429	1.0005	30.1272	3.9383	1.00003
2000	3.9000	-0.4651	1.0006	30.3630	3.9714	1.00008
2100	3.9248	-0.4864	1.0007	30.5916	4.0052	1.00018
2200	3.9490	-0.5066	1.0008	30.8147	4.0418	1.00036
2300	3.9724	-0.5261	1.0011	31.0340	4.0801	1.00068
2400	3.9954	-0.5448	1.0016	31.2513	4.1228	1.00120
2500	4.0182	-0.5628	1.0024	31.4691	4.1716	1.00199
2600	4.0410	-0.5804	1.0036	31.6895	4.2274	1.00319
2700	4.0640	-0.5975	1.0053	31.9152	4.2919	1.00491
2800	4.0875	-0.6143	1.0077	32.1492	4.3689	1.00732
2900	4.1116	-0.6310	1.0109	32.3940	4.4588	1.01057
3000	4.1367	-0.6475	1.0152	32.6547	4.5664	1.01483
3100	4.1624	-0.6641	1.0206	32.9281	4.6885	1.02027
3200	4.1888	-0.6807	1.0273	33.2181	4.8272	1.02702
3300	4.2160	-0.6975	1.0354	33.5246	4.9828	1.03516
3400	4.2437	-0.7145	1.0450	33.8470	5.1544	1.04471
3500	4.2714	-0.7315	1.0559	34.1820	5.3369	1.05558
3600	4.2989	-0.7487	1.0679	34.5259	5.5280	1.06761
3700	4.3256	-0.7658	1.0807	34.8722	5.7198	1.08044
3800	4.3512	-0.7826	1.0940	35.2146	5.9077	1.09371
3900	4.3752	-0.7992	1.1072	35.5464	6.0837	1.10696
4000	4.3974	-0.8151	1.1200	35.8612	6.2420	1.11975
4100	4.4176	-0.8305	1.1320	36.1552	6.3802	1.13172
4200	4.4359	-0.8451	1.1428	36.4259	6.4956	1.14261
4300	4.4524	-0.8590	1.1525	36.6737	6.5899	1.15230
4400	4.4672	-0.8722	1.1611	36.9007	6.6642	1.16085
4500	4.4808	-0.8847	1.1686	37.1101	6.7236	1.16833
4600	4.4934	-0.8967	1.1751	37.3054	6.7703	1.17494
4700	4.5052	-0.9082	1.1810	37.4904	6.8092	1.18084
4800	4.5166	-0.9193	1.1864	37.6690	6.8440	1.18625
4900	4.5277	-0.9302	1.1915	37.8443	6.8781	1.19134
5000	4.5392	-0.9407	1.1963	38.0263	6.9212	1.19612
5100	4.5503	-0.9511	1.2013	38.2044	6.9617	1.20110
5200	4.5617	-0.9614	1.2065	38.3874	7.0092	1.20628
5300	4.5734	-0.9716	1.2119	38.5775	7.0656	1.21176
5400	4.5857	-0.9819	1.2179	38.7778	7.1332	1.21772
5500	4.5985	-0.9922	1.2244	38.9896	7.2137	1.22426
5600	4.6120	-1.0026	1.2317	39.2156	7.3089	1.23154
5700	4.6263	-1.0131	1.2398	39.4581	7.4207	1.23968
5800	4.6414	-1.0238	1.2490	39.7180	7.5507	1.24882
5900	4.6574	-1.0348	1.2592	39.9987	7.7011	1.25909
6000	4.6742	-1.0461	1.2707	40.3006	7.8720	1.27058
6100	4.6920	-1.0576	1.2836	40.6262	8.0656	1.28346
6200	4.7106	-1.0695	1.2980	40.9760	8.2828	1.29780
6300	4.7300	-1.0818	1.3139	41.3522	8.5249	1.31375
6400	4.7502	-1.0944	1.3314	41.7549	8.7908	1.33129
6500	4.7712	-1.1074	1.3508	42.1858	9.0833	1.35065
6600	4.7927	-1.1207	1.3719	42.6447	9.4011	1.37180
6700	4.8147	-1.1344	1.3948	43.1294	9.7421	1.39467

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6800	4.8372	-1.1485	1.4195	43.6425	10.1078	1.41941
6900	4.8597	-1.1528	1.4459	44.1776	10.4928	1.44576
7000	4.8824	-1.1774	1.4739	44.7368	10.8978	1.47380
7100	4.9049	-1.1921	1.5032	45.3115	11.3155	1.50312
7200	4.9271	-1.2069	1.5337	45.9004	11.7431	1.53360
7300	4.9487	-1.2217	1.5649,	46.4955	12.1733	1.56480
7400	4.9698	-1.2363	1.5968	47.0958	12.6047	1.59664
7500	4.9899	-1.2507	1.6286	47.6902	13.0268	1.62848
7600	5.0091	-1.2648	1.6602	48.2745	13.4359	1.66004
7700	5.0271	-1.2785	1.6909	48.8407	13.8241	1.69079
7800	5.0440	-1.2916	1.7206	49.3860	14.1886	1.72052
7900	5.0598	-1.3043	1.7490	49.9059	14.5256	1.74890
8000	5.0743	-1.3163	1.7758	50.3967	14.8319	1.77567
8100	5.0876	-1.3278	1.8006	50.8545	15.1038	1.80054
8200	5.0997	-1.3386	1.8236	51.2803	15.3428	1.82350
8300	5.1107	-1.3488	1.8445	51.5725	15.5478	1.84443
8400	5.1208	-1.3585	1.8635	52.0337	15.7219	1.86343
8500	5.1299	-1.3676	1.8807	52.3656	15.8668	1.88060
8600	5.1382	-1.3762	1.8960	52.6692	15.9841	1.89596
8700	5.1457	-1.3843	1.9097	52.9471	16.0764	1.90965
8800	5.1526	-1.3921	1.9219	53.2031	16.1483	1.92191
8900	5.1590	-1.3995	1.9329	53.4398	16.2022	1.93289
9000	5.1648	-1.4065	1.9426	53.6589	16.2402	1.94269
9100	5.1703	-1.4133	1.9514	53.8637	16.2654	1.95152
9200	5.1754	-1.4198	1.9594	54.0558	16.2795	1.95947
9300	5.1803	-1.4260	1.9666	54.2374	16.2851	1.96669
9400	5.1849	-1.4321	1.9732	54.4107	16.2844	1.97333
9500	5.1893	-1.4381	1.9793	54.5774	16.2787	1.97950
9600	5.1936	-1.4439	1.9850	54.7385	16.2695	1.98526
9700	5.1978	-1.4496	1.9904	54.8952	16.2576	1.99070
9800	5.2019	-1.4552	1.9956	55.0491	16.2449	1.99593
9900	5.2060	-1.4606	2.0006	55.2009	16.2319	2.00100
10000	5.2100	-1.4661	2.0055	55.3515	16.2194	2.00596
10100	5.2141	-1.4714	2.0103	55.5018	16.2083	2.01089
10200	5.2181	-1.4768	2.0152	55.6523	16.1993	2.01582
10300	5.2222	-1.4821	2.0200	55.8038	16.1927	2.02080
10400	5.2263	-1.4873	2.0250	55.9568	16.1893	2.02588
10500	5.2304	-1.4926	2.0301	56.1118	16.1893	2.03108
10600	5.2346	-1.4978	2.0353	56.2692	16.1933	2.03646
10700	5.2389	-1.5030	2.0408	56.4295	16.2015	2.04202
10800	5.2433	-1.5083	2.0464	56.5930	16.2142	2.04781
10900	5.2478	-1.5135	2.0523	56.7601	16.2318	2.05385
11000	5.2524	-1.5188	2.0584	56.9311	16.2545	2.06017
11100	5.2570	-1.5241	2.0649	57.1064	16.2826	2.06679
11200	5.2618	-1.5294	2.0716	57.2862	16.3162	2.07374
11300	5.2667	-1.5347	2.0787	57.4708	16.3555	2.08104
11400	5.2718	-1.5401	2.0861	57.6605	16.4009	2.08871
11500	5.2769	-1.5455	2.0939	57.8555	16.4524	2.09678
11600	5.2822	-1.5510	2.1021	58.0560	16.5103	2.10525
11700	5.2876	-1.5565	2.1108	58.2624	16.5747	2.11416
11800	5.2932	-1.5620	2.1198	58.4746	16.6456	2.12351
11900	5.2989	-1.5676	2.1293	58.6931	16.7233	2.13335
12000	5.3047	-1.5733	2.1393	58.9181	16.8080	2.14367
12100	5.3107	-1.5790	2.1497	59.1495	16.8994	2.15449
12200	5.3168	-1.5848	2.1607	59.3877	16.9981	2.16584

LOG P= 0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12300	5.3230	-1.5906	2.1721	59.6328	17.1040	2.17773
12400	5.3294	-1.5966	2.1841	59.8949	17.2171	2.19017
12500	5.3359	-1.6025	2.1966	60.1442	17.3377	2.20318
12600	5.3426	-1.6086	2.2097	60.4106	17.4655	2.21677
12700	5.3493	-1.6147	2.2234	60.6847	17.6010	2.23098
12800	5.3563	-1.6209	2.2376	60.9661	17.7440	2.24577
12900	5.3633	-1.6271	2.2525	61.2551	17.8943	2.26120
13000	5.3705	-1.6334	2.2679	61.5517	18.0521	2.27724
13100	5.3778	-1.6398	2.2840	61.8557	18.2173	2.29392
13200	5.3852	-1.6463	2.3006	62.1675	18.3899	2.31126
13300	5.3927	-1.6528	2.3179	62.4871	18.5700	2.32924
13400	5.4003	-1.6594	2.3358	62.8140	18.7572	2.34787
13500	5.4080	-1.6661	2.3544	63.1488	18.9519	2.36716
13600	5.4158	-1.6728	2.3736	63.4910	19.1534	2.38711
13700	5.4237	-1.6796	2.3934	63.8404	19.3617	2.40771
13800	5.4316	-1.6864	2.4138	64.1971	19.5768	2.42897
13900	5.4396	-1.6933	2.4348	64.5608	19.7984	2.45085
14000	5.4478	-1.7003	2.4565	64.9361	20.0310	2.47337
14100	5.4559	-1.7073	2.4787	65.3085	20.2600	2.49652
14200	5.4640	-1.7144	2.5016	65.6921	20.4995	2.52028
14300	5.4722	-1.7214	2.5250	66.0816	20.7444	2.54462
14400	5.4805	-1.7286	2.5490	66.4773	20.9946	2.56956
14500	5.4887	-1.7357	2.5734	66.8780	21.2491	2.59502
14600	5.4969	-1.7429	2.5984	67.2834	21.5077	2.62099
14700	5.5052	-1.7501	2.6239	67.6939	21.7705	2.64749
14800	5.5134	-1.7573	2.6499	68.1086	22.0366	2.67445
14900	5.5216	-1.7646	2.6762	68.5265	22.3051	2.70191
15000	5.5297	-1.7718	2.7030	68.9476	22.5762	2.72957

LOG P= 0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5125	0.9684	0.9292	18.7825	3.2543	1.00000
200	2.8400	0.6384	0.9930	21.3316	3.4592	1.00000
300	3.0186	0.4601	0.9982	22.7604	3.4789	1.00000
400	3.1450	0.3340	1.0008	23.7744	3.4910	1.00000
500	3.2438	0.2369	1.0012	24.5619	3.5060	1.00000
600	3.3255	0.1577	1.0014	25.2228	3.5265	1.00000
700	3.3956	0.0907	1.0013	25.7942	3.5523	1.00000
800	3.4572	0.0328	1.0013	26.2970	3.5817	1.00000
900	3.5122	-0.0184	1.0011	26.7578	3.6134	1.00000
1000	3.5619	-0.0641	1.0010	27.1779	3.6467	1.00000
1100	3.6072	-0.1056	1.0010	27.5648	3.6798	1.00000
1200	3.6489	-0.1434	1.0009	27.9173	3.7129	1.00000
1300	3.6875	-0.1782	1.0008	28.2472	3.7459	1.00000
1400	3.7234	-0.2104	1.0009	28.5595	3.7784	1.00000
1500	3.7570	-0.2403	1.0008	28.8537	3.8103	0.99999
1600	3.7887	-0.2683	1.0007	29.1326	3.8426	0.99999
1700	3.8187	-0.2946	1.0007	29.3983	3.8745	0.99999
1800	3.8470	-0.3194	1.0007	29.6526	3.9060	1.00000
1900	3.8741	-0.3429	1.0007	29.8968	3.9383	1.00003
2000	3.9000	-0.3652	1.0007	30.1324	3.9712	1.00006
2100	3.9248	-0.3864	1.0008	30.3607	4.0047	1.00015
2200	3.9489	-0.4067	1.0009	30.5832	4.0408	1.00032
2300	3.9722	-0.4261	1.0011	30.8015	4.0782	1.00061

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T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2400	3.9951	-0.4448	1.0016	31.0175	4.1196	1.00107
2500	4.0177	-0.4628	1.0023	31.2331	4.1664	1.00177
2600	4.0402	-0.4803	1.0033	31.4504	4.2194	1.00284
2700	4.0628	-0.4973	1.0048	31.6719	4.2800	1.00438
2800	4.0858	-0.5140	1.0070	31.9003	4.3519	1.00653
2900	4.1093	-0.5305	1.0099	32.1378	4.4353	1.00944
3000	4.1337	-0.5469	1.0137	32.3896	4.5349	1.01326
3100	4.1586	-0.5632	1.0186	32.6522	4.6474	1.01815
3200	4.1841	-0.5796	1.0246	32.9298	4.7751	1.02424
3300	4.2104	-0.5960	1.0320	33.2225	4.9187	1.03152
3400	4.2371	-0.6127	1.0407	33.5302	5.0777	1.04034
3500	4.2641	-0.6294	1.0507	33.8505	5.2479	1.05034
3600	4.2909	-0.6462	1.0619	34.1807	5.4279	1.06152
3700	4.3172	-0.6630	1.0739	34.5153	5.6110	1.07360
3800	4.3427	-0.6797	1.0866	34.8491	5.7932	1.08628
3900	4.3668	-0.6961	1.0995	35.1760	5.9672	1.09917
4000	4.3893	-0.7121	1.1121	35.4897	6.1275	1.11184
4100	4.4101	-0.7275	1.1242	35.7862	6.2709	1.12393
4200	4.4290	-0.7423	1.1354	36.0620	6.3940	1.13515
4300	4.4462	-0.7564	1.1456	36.3164	6.4972	1.14530
4400	4.4617	-0.7698	1.1547	36.5504	6.5805	1.15438
4500	4.4759	-0.7825	1.1627	36.7665	6.6483	1.16241
4600	4.4890	-0.7947	1.1698	36.9672	6.7020	1.16952
4700	4.5012	-0.8064	1.1761	37.1563	6.7464	1.17585
4800	4.5128	-0.8177	1.1819	37.3372	6.7849	1.18160
4900	4.5240	-0.8286	1.1872	37.5132	6.8208	1.18694
5000	4.5355	-0.8391	1.1921	37.6939	6.8639	1.19195
5100	4.5466	-0.8496	1.1971	37.8691	6.9026	1.19689
5200	4.5578	-0.8598	1.2022	38.0473	6.9464	1.20200
5300	4.5692	-0.8700	1.2076	38.2308	6.9975	1.20732
5400	4.5811	-0.8802	1.2132	38.4226	7.0579	1.21301
5500	4.5934	-0.8904	1.2194	38.6238	7.1294	1.21917
5600	4.6063	-0.9006	1.2262	38.8373	7.2136	1.22595
5700	4.6199	-0.9109	1.2337	39.0649	7.3124	1.23347
5800	4.6343	-0.9214	1.2421	39.3078	7.4273	1.24185
5900	4.6494	-0.9321	1.2514	39.5689	7.5603	1.25123
6000	4.6653	-0.9430	1.2619	39.8489	7.7118	1.26169
6100	4.6821	-0.9542	1.2736	40.1501	7.8839	1.27338
6200	4.6997	-0.9657	1.2866	40.4730	8.0773	1.28639
6300	4.7181	-0.9775	1.3010	40.8197	8.2933	1.30085
6400	4.7372	-0.9896	1.3170	41.1908	8.5314	1.31677
6500	4.7571	-1.0021	1.3345	41.5879	8.7943	1.33436
6600	4.7777	-1.0150	1.3538	42.0111	9.0813	1.35362
6700	4.7988	-1.0281	1.3747	42.4589	9.3905	1.37451
6800	4.8204	-1.0417	1.3974	42.9344	9.7239	1.39719
6900	4.8422	-1.0555	1.4216	43.4320	10.0773	1.42148
7000	4.8643	-1.0696	1.4476	43.9545	10.4518	1.44747
7100	4.8863	-1.0839	1.4750	44.4948	10.8415	1.47484
7200	4.9083	-1.0983	1.5037	45.0521	11.2443	1.50353
7300	4.9298	-1.1128	1.5333	45.6198	11.6541	1.53318
7400	4.9510	-1.1273	1.5639	46.1978	12.0705	1.56376
7500	4.9714	-1.1416	1.5948	46.7761	12.4838	1.59469
7600	4.9911	-1.1558	1.6259	47.3511	12.8909	1.62576
7700	5.0098	-1.1696	1.6566	47.9149	13.2838	1.65646
7800	5.0275	-1.1830	1.6867	48.4649	13.6599	1.69658

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7900	5.0442	-1.1960	1.7159	48.9958	14.0146	1.71577
8000	5.0598	-1.2085	1.7439	49.5032	14.3438	1.74372
8100	5.0741	-1.2204	1.7702	49.9820	14.6426	1.77007
8200	5.0873	-1.2317	1.7949	50.4321	14.9114	1.79474
8300	5.0994	-1.2424	1.8176	50.8506	15.1477	1.81753
8400	5.1105	-1.2526	1.8386	51.2392	15.3538	1.83849
8500	5.1206	-1.2623	1.8577	51.5987	15.5304	1.85764
8600	5.1298	-1.2714	1.8750	51.9289	15.6781	1.87493
8700	5.1381	-1.2800	1.8905	52.2318	15.7990	1.89047
8800	5.1458	-1.2881	1.9045	52.5111	15.8972	1.90447
8900	5.1528	-1.2959	1.9171	52.7690	15.9751	1.91706
9000	5.1593	-1.3033	1.9283	53.0071	16.0343	1.92832
9100	5.1653	-1.3103	1.9384	53.2286	16.0782	1.93845
9200	5.1709	-1.3171	1.9475	53.4350	16.1088	1.94756
9300	5.1761	-1.3236	1.9557	53.6286	16.1282	1.95578
9400	5.1810	-1.3299	1.9632	53.8120	16.1390	1.96328
9500	5.1857	-1.3361	1.9700	53.9868	16.1429	1.97018
9600	5.1902	-1.3420	1.9763	54.1541	16.1412	1.97655
9700	5.1945	-1.3478	1.9822	54.3154	16.1352	1.98248
9800	5.1988	-1.3535	1.9878	54.4725	16.1269	1.98810
9900	5.2029	-1.3590	1.9931	54.6260	16.1167	1.99345
10000	5.2070	-1.3645	1.9982	54.7770	16.1056	1.99861
10100	5.2110	-1.3699	2.0031	54.9264	16.0949	2.00365
10200	5.2150	-1.3752	2.0080	55.0751	16.0851	2.00851
10300	5.2190	-1.3805	2.0129	55.2237	16.0768	2.01356
10400	5.2231	-1.3858	2.0177	55.3728	16.0706	2.01854
10500	5.2271	-1.3910	2.0227	55.5229	16.0670	2.02356
10600	5.2312	-1.3962	2.0277	55.6746	16.0663	2.02871
10700	5.2354	-1.4013	2.0328	55.8284	16.0692	2.03398
10800	5.2396	-1.4065	2.0381	55.9844	16.0757	2.03942
10900	5.2439	-1.4117	2.0436	56.1433	16.0865	2.04506
11000	5.2483	-1.4169	2.0493	56.3053	16.1015	2.05091
11100	5.2527	-1.4220	2.0552	56.4709	16.1214	2.05702
11200	5.2573	-1.4272	2.0614	56.6401	16.1458	2.06341
11300	5.2619	-1.4325	2.0679	56.8133	16.1755	2.07008
11400	5.2667	-1.4377	2.0746	56.9908	16.2103	2.07708
11500	5.2716	-1.4430	2.0817	57.1731	16.2507	2.08441
11600	5.2766	-1.4483	2.0892	57.3599	16.2967	2.09211
11700	5.2817	-1.4536	2.0970	57.5519	16.3487	2.10018
11800	5.2869	-1.4590	2.1051	57.7489	16.4064	2.10864
11900	5.2923	-1.4644	2.1137	57.9516	16.4703	2.11753
12000	5.2977	-1.4699	2.1227	58.1599	16.5405	2.12685
12100	5.3033	-1.4754	2.1321	58.3738	16.6168	2.13661
12200	5.3091	-1.4810	2.1419	58.5938	16.6998	2.14684
12300	5.3149	-1.4866	2.1522	58.8199	16.7892	2.15756
12400	5.3209	-1.4923	2.1630	59.0523	16.8852	2.16877
12500	5.3271	-1.4981	2.1743	59.2911	16.9880	2.18050
12600	5.3333	-1.5039	2.1860	59.5364	17.0976	2.19275
12700	5.3397	-1.5098	2.1983	59.7885	17.2141	2.20555
12800	5.3462	-1.5157	2.2111	60.0473	17.3374	2.21889
12900	5.3528	-1.5217	2.2245	60.3129	17.4675	2.23281
13000	5.3596	-1.5277	2.2384	60.5855	17.6047	2.24729
13100	5.3664	-1.5339	2.2528	60.8649	17.7487	2.26235
13200	5.3734	-1.5400	2.2678	61.1514	17.8998	2.27802
13300	5.3805	-1.5463	2.2834	61.4452	18.0577	2.29428

LOG P= 0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13400	5.3877	-1.5526	2.2996	61.7457	18.2224	2.31115
13500	5.3950	-1.5590	2.3163	62.0535	18.3940	2.32863
13600	5.4024	-1.5654	2.3337	62.3683	18.5723	2.34673
13700	5.4099	-1.5719	2.3516	62.6899	18.7573	2.36543
13800	5.4175	-1.5785	2.3701	63.0185	18.9489	2.38476
13900	5.4251	-1.5851	2.3892	63.3537	19.1463	2.40469
14000	5.4329	-1.5918	2.4089	63.6999	19.3546	2.42523
14100	5.4406	-1.5985	2.4291	64.0440	19.5603	2.44539
14200	5.4484	-1.6053	2.4500	64.3989	19.7763	2.46814
14300	5.4563	-1.6121	2.4714	64.7597	19.9976	2.49047
14400	5.4642	-1.6190	2.4933	65.1268	20.2245	2.51339
14500	5.4722	-1.6259	2.5158	65.4993	20.4564	2.53685
14600	5.4802	-1.6328	2.5388	65.8768	20.6924	2.56083
14700	5.4882	-1.6398	2.5623	66.2597	20.9334	2.58537
14800	5.4962	-1.6468	2.5863	66.6475	21.1783	2.61039
14900	5.5041	-1.6538	2.6108	67.0392	21.4265	2.63588
15000	5.5121	-1.6608	2.6356	67.4348	21.6778	2.66180

LOG P= 0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8391	0.7392	0.9910	21.0962	3.4523	1.00000
300	3.0183	0.5597	0.9990	22.5286	3.4770	1.00000
400	3.1449	0.4339	1.0010	23.5428	3.4899	1.00000
500	3.2438	0.3368	1.0015	24.3311	3.5058	1.00000
600	3.3255	0.2575	1.0017	24.9923	3.5264	1.00000
700	3.3956	0.1906	1.0017	25.5641	3.5524	1.00000
800	3.4572	0.1327	1.0016	26.0665	3.5819	1.00000
900	3.5122	0.0816	1.0015	26.5265	3.6135	1.00000
1000	3.5619	0.0359	1.0013	26.9473	3.6466	1.00000
1100	3.6073	-0.0055	1.0013	27.3376	3.6802	1.00000
1200	3.6489	-0.0433	1.0012	27.6876	3.7132	1.00000
1300	3.6875	-0.0781	1.0011	28.0116	3.7462	1.00000
1400	3.7235	-0.1103	1.0010	28.3241	3.7786	1.00000
1500	3.7571	-0.1403	1.0010	28.6232	3.8104	0.99999
1600	3.7888	-0.1684	1.0009	28.9022	3.8427	0.99999
1700	3.8187	-0.1947	1.0009	29.1680	3.8748	0.99999
1800	3.8470	-0.2195	1.0009	29.4222	3.9061	1.00000
1900	3.8741	-0.2430	1.0008	29.5664	3.9383	1.00002
2000	3.8999	-0.2653	1.0008	29.9018	3.9711	1.00005
2100	3.9247	-0.2865	1.0009	30.1299	4.0043	1.00013
2200	3.9488	-0.3067	1.0010	30.3519	4.0399	1.00029
2300	3.9720	-0.3261	1.0012	30.5694	4.0766	1.00054
2400	3.9948	-0.3448	1.0016	30.7840	4.1167	1.00094
2500	4.0172	-0.3528	1.0022	30.9977	4.1618	1.00158
2600	4.0395	-0.3802	1.0031	31.2123	4.2122	1.00253
2700	4.0617	-0.3972	1.0045	31.4300	4.2694	1.00391
2800	4.0843	-0.4138	1.0064	31.6533	4.3367	1.00582
2900	4.1073	-0.4301	1.0090	31.8844	4.4143	1.00842
3000	4.1310	-0.4463	1.0124	32.1281	4.5066	1.01185
3100	4.1551	-0.4624	1.0167	32.3810	4.6105	1.01624
3200	4.1798	-0.4786	1.0222	32.6472	4.7281	1.02173
3300	4.2052	-0.4947	1.0289	32.9271	4.8606	1.02841
3400	4.2311	-0.5110	1.0368	33.2209	5.0075	1.03634
3500	4.2572	-0.5274	1.0460	33.5271	5.1659	1.04551

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3600	4.2834	-0.5439	1.0563	33.8435	5.3345	1.05584
3700	4.3092	-0.5605	1.0676	34.1659	5.5081	1.06715
3800	4.3344	-0.5769	1.0796	34.4898	5.6833	1.07916
3900	4.3585	-0.5931	1.0920	34.8099	5.8536	1.09157
4000	4.3812	-0.6090	1.1044	35.1206	6.0136	1.10398
4100	4.4024	-0.6245	1.1164	35.4174	6.1601	1.11605
4200	4.4218	-0.6394	1.1278	35.6965	6.2891	1.12746
4300	4.4396	-0.6536	1.1383	35.9561	6.3998	1.13797
4400	4.4558	-0.6672	1.1479	36.1963	6.4915	1.14750
4500	4.4706	-0.6802	1.1564	36.4187	6.5675	1.15604
4600	4.4842	-0.6926	1.1640	36.6252	6.6287	1.16364
4700	4.4968	-0.7044	1.1708	36.8188	6.6792	1.17044
4800	4.5088	-0.7158	1.1769	37.0029	6.7222	1.17657
4900	4.5202	-0.7269	1.1825	37.1804	6.7609	1.18221
5000	4.5318	-0.7375	1.1876	37.3611	6.8051	1.18731
5100	4.5428	-0.7480	1.1928	37.5345	6.8431	1.19246
5200	4.5539	-0.7583	1.1979	37.7091	6.8846	1.19758
5300	4.5651	-0.7684	1.2031	37.8874	6.9316	1.20282
5400	4.5766	-0.7785	1.2086	38.0720	6.9861	1.20831
5500	4.5886	-0.7886	1.2144	38.2643	7.0500	1.21417
5600	4.6010	-0.7987	1.2208	38.4669	7.1248	1.22055
5700	4.6140	-0.8089	1.2278	38.6815	7.2123	1.22753
5800	4.6276	-0.8191	1.2355	38.9094	7.3141	1.23527
5900	4.6420	-0.8296	1.2441	39.1531	7.4319	1.24387
6000	4.6570	-0.8402	1.2537	39.4136	7.5661	1.25343
6100	4.6729	-0.8510	1.2643	39.6929	7.7189	1.26407
6200	4.6895	-0.8621	1.2761	39.9915	7.8908	1.27589
6300	4.7069	-0.8735	1.2892	40.3116	8.0834	1.28901
6400	4.7251	-0.8852	1.3037	40.6538	8.2963	1.30346
6500	4.7440	-0.8972	1.3197	41.0198	8.5319	1.31943
6600	4.7635	-0.9096	1.3372	41.4100	8.7900	1.33694
6700	4.7836	-0.9223	1.3562	41.8233	9.0693	1.35598
6800	4.8043	-0.9353	1.3769	42.2629	9.3719	1.37670
6900	4.8254	-0.9486	1.3992	42.7242	9.6943	1.39899
7000	4.8468	-0.9622	1.4232	43.2104	10.0382	1.42294
7100	4.8682	-0.9760	1.4485	43.7153	10.3986	1.44832
7200	4.8897	-0.9901	1.4753	44.2391	10.7744	1.47510
7300	4.9110	-1.0042	1.5032	44.7765	11.1605	1.50301
7400	4.9321	-1.0184	1.5323	45.3281	11.5574	1.53208
7500	4.9527	-1.0326	1.5620	45.8850	11.9562	1.56179
7600	4.9726	-1.0467	1.5922	46.4442	12.3543	1.59196
7700	4.9918	-1.0605	1.6223	46.9984	12.7447	1.62216
7800	5.0102	-1.0741	1.6524	47.5453	13.1246	1.65217
7900	5.0275	-1.0873	1.6819	48.0795	13.4892	1.68157
8000	5.0440	-1.1001	1.7105	48.5962	13.8342	1.71033
8100	5.0594	-1.1124	1.7379	49.0898	14.1540	1.73775
8200	5.0736	-1.1242	1.7640	49.5591	14.4479	1.76380
8300	5.0868	-1.1354	1.7883	50.0002	14.7123	1.78820
8400	5.0989	-1.1461	1.8111	50.4137	14.9484	1.81095
8500	5.1100	-1.1562	1.8321	50.7994	15.1559	1.83200
8600	5.1202	-1.1658	1.8513	51.1560	15.3341	1.85121
8700	5.1294	-1.1749	1.8687	51.4848	15.4846	1.86865
8800	5.1379	-1.1835	1.8846	51.7887	15.6110	1.88449
8900	5.1457	-1.1917	1.8989	52.0698	15.7150	1.89882
9000	5.1528	-1.1995	1.9117	52.3289	15.7980	1.91169

LOG P= 0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9100	5.1594	-1.2069	1.9233	52.5694	15.8636	1.92330
9200	5.1655	-1.2140	1.9337	52.7925	15.9130	1.93374
9300	5.1712	-1.2208	1.9431	53.0007	15.9489	1.94314
9400	5.1766	-1.2274	1.9516	53.1966	15.9744	1.95168
9500	5.1816	-1.2337	1.9594	53.3819	15.9905	1.95950
9600	5.1864	-1.2398	1.9665	53.5580	15.9990	1.96664
9700	5.1909	-1.2458	1.9730	53.7262	16.0014	1.97323
9800	5.1953	-1.2516	1.9791	53.8885	15.9996	1.97939
9900	5.1996	-1.2572	1.9849	54.0457	15.9944	1.98517
10000	5.2038	-1.2628	1.9903	54.1990	15.9870	1.99066
10100	5.2079	-1.2682	1.9955	54.3496	15.9786	1.99595
10200	5.2119	-1.2736	2.0005	54.4982	15.9698	2.00107
10300	5.2159	-1.2789	2.0055	54.6456	15.9614	2.00611
10400	5.2199	-1.2842	2.0104	54.7925	15.9541	2.01109
10500	5.2239	-1.2894	2.0152	54.9393	15.9482	2.01606
10600	5.2279	-1.2945	2.0201	55.0868	15.9446	2.02107
10700	5.2320	-1.2997	2.0251	55.2355	15.9437	2.02616
10800	5.2361	-1.3048	2.0302	55.3857	15.9455	2.03135
10900	5.2402	-1.3099	2.0353	55.5379	15.9508	2.03668
11000	5.2444	-1.3150	2.0407	55.6924	15.9595	2.04218
11100	5.2487	-1.3201	2.0462	55.8497	15.9724	2.04787
11200	5.2530	-1.3252	2.0519	56.0099	15.9892	2.05379
11300	5.2575	-1.3304	2.0579	56.1734	16.0105	2.05994
11400	5.2620	-1.3355	2.0641	56.3405	16.0364	2.06636
11500	5.2666	-1.3406	2.0706	56.5116	16.0672	2.07307
11600	5.2714	-1.3458	2.0773	56.6865	16.1029	2.08009
11700	5.2762	-1.3510	2.0844	56.8659	16.1439	2.08744
11800	5.2811	-1.3563	2.0918	57.0496	16.1901	2.09512
11900	5.2862	-1.3615	2.0995	57.2382	16.2419	2.10318
12000	5.2913	-1.3668	2.1077	57.4317	16.2991	2.11161
12100	5.2966	-1.3722	2.1161	57.6302	16.3620	2.12044
12200	5.3020	-1.3776	2.1250	57.8340	16.4310	2.12969
12300	5.3075	-1.3830	2.1343	58.0432	16.5058	2.13937
12400	5.3132	-1.3885	2.1440	58.2579	16.5864	2.14948
12500	5.3189	-1.3940	2.1541	58.4784	16.6734	2.16006
12600	5.3248	-1.3996	2.1647	58.7047	16.7665	2.17111
12700	5.3308	-1.4053	2.1758	58.9371	16.8660	2.18265
12800	5.3369	-1.4110	2.1873	59.1754	16.9716	2.19469
12900	5.3432	-1.4167	2.1993	59.4200	17.0835	2.20724
13000	5.3495	-1.4225	2.2118	59.6708	17.2022	2.22031
13100	5.3560	-1.4284	2.2248	59.9279	17.3270	2.23390
13200	5.3626	-1.4343	2.2383	60.1913	17.4583	2.24805
13300	5.3693	-1.4403	2.2523	60.4614	17.5962	2.26275
13400	5.3761	-1.4464	2.2669	60.7378	17.7402	2.27799
13500	5.3830	-1.4525	2.2820	61.0207	17.8907	2.29381
13600	5.3900	-1.4587	2.2977	61.3103	18.0476	2.31021
13700	5.3970	-1.4649	2.3139	61.6062	18.2107	2.32716
13800	5.4042	-1.4712	2.3306	61.9087	18.3803	2.34470
13900	5.4115	-1.4776	2.3479	62.2174	18.5556	2.36281
14000	5.4189	-1.4839	2.3657	62.5364	18.7409	2.38149
14100	5.4262	-1.4904	2.3841	62.8539	18.9245	2.40077
14200	5.4337	-1.4969	2.4030	63.1815	19.1177	2.42061
14300	5.4413	-1.5035	2.4225	63.5150	19.3162	2.44102
14400	5.4489	-1.5101	2.4425	63.8546	19.5204	2.46199
14500	5.4565	-1.5167	2.4631	64.1995	19.7296	2.48351

LOG P= 0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14600	5.4642	-1.5234	2.4841	64.5497	19.9434	2.50554
14700	5.4719	-1.5301	2.5057	64.9055	20.1624	2.52813
14800	5.4796	-1.5368	2.5277	65.2663	20.3858	2.55122
14900	5.4873	-1.5436	2.5503	65.6315	20.6130	2.57480
15000	5.4951	-1.5504	2.5732	66.0012	20.8439	2.59883

LOG P= 0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8381	0.8403	0.9886	20.8596	3.4437	1.00000
300	3.0180	0.6596	0.9992	22.2963	3.4747	1.00000
400	3.1447	0.5338	1.0013	23.3111	3.4887	1.00000
500	3.2437	0.4356	1.0019	24.1003	3.5057	1.00000
600	3.3255	0.3574	1.0020	24.7614	3.5262	1.00000
700	3.3956	0.2904	1.0021	25.3336	3.5525	1.00000
800	3.4572	0.2325	1.0019	25.8365	3.5821	1.00000
900	3.5122	0.1814	1.0018	26.2964	3.6138	1.00000
1000	3.5619	0.1357	1.0017	26.7169	3.6469	1.00000
1100	3.6073	0.0943	1.0016	27.1077	3.6804	1.00000
1200	3.6490	0.0566	1.0015	27.4575	3.7135	1.00000
1300	3.6876	0.0219	1.0014	27.7772	3.7464	1.00000
1400	3.7235	-0.0103	1.0013	28.0881	3.7788	1.00000
1500	3.7571	-0.0403	1.0013	28.3926	3.8107	0.99999
1600	3.7888	-0.0683	1.0012	28.6716	3.8430	0.99999
1700	3.8188	-0.0947	1.0011	28.9373	3.8757	0.99999
1800	3.8470	-0.1195	1.0011	29.1916	3.9063	1.00000
1900	3.8741	-0.1430	1.0010	29.4358	3.9384	1.00002
2000	3.8999	-0.1553	1.0010	29.6712	3.9711	1.00004
2100	3.9247	-0.1865	1.0011	29.8990	4.0040	1.00012
2200	3.9487	-0.2068	1.0011	30.1207	4.0391	1.00025
2300	3.9719	-0.2262	1.0013	30.3374	4.0752	1.00047
2400	3.9945	-0.2448	1.0017	30.5509	4.1142	1.00083
2500	4.0168	-0.2628	1.0022	30.7629	4.1577	1.00140
2600	4.0388	-0.2802	1.0030	30.9750	4.2059	1.00225
2700	4.0608	-0.2971	1.0042	31.1894	4.2600	1.00348
2800	4.0830	-0.3136	1.0059	31.4082	4.3233	1.00519
2900	4.1054	-0.3298	1.0082	31.6334	4.3955	1.00751
3000	4.1285	-0.3458	1.0112	31.8698	4.4813	1.01058
3100	4.1520	-0.3618	1.0152	32.1139	4.5773	1.01453
3200	4.1759	-0.3776	1.0201	32.3697	4.6858	1.01947
3300	4.2005	-0.3936	1.0261	32.5379	4.8079	1.02550
3400	4.2255	-0.4096	1.0333	32.9188	4.9438	1.03270
3500	4.2508	-0.4256	1.0416	33.2114	5.0906	1.04108
3600	4.2763	-0.4418	1.0511	33.5145	5.2482	1.05059
3700	4.3015	-0.4580	1.0616	33.8243	5.4117	1.06110
3800	4.3263	-0.4742	1.0729	34.1376	5.5789	1.07240
3900	4.3503	-0.4902	1.0847	34.4496	5.7438	1.08425
4000	4.3730	-0.5060	1.0968	34.7553	5.9016	1.09627
4100	4.3945	-0.5214	1.1087	35.0504	6.0492	1.10818
4200	4.4144	-0.5354	1.1201	35.3307	6.1920	1.11963
4300	4.4327	-0.5507	1.1308	35.5939	6.2989	1.13037
4400	4.4495	-0.5645	1.1407	35.8393	6.3980	1.14028
4500	4.4649	-0.5777	1.1497	36.0675	6.4819	1.14927
4600	4.4790	-0.5902	1.1578	36.2796	6.5504	1.15735
4700	4.4921	-0.6023	1.1650	36.4781	6.6073	1.16459

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4800	4.5044	-0.6139	1.1715	36.6659	6.6555	1.17114
4900	4.5161	-0.6250	1.1775	36.8458	6.6979	1.17712
5000	4.5279	-0.6358	1.1828	37.0273	6.7441	1.18246
5100	4.5390	-0.6463	1.1882	37.1999	6.7826	1.18778
5200	4.5500	-0.6566	1.1933	37.3721	6.8228	1.19297
5300	4.5610	-0.6668	1.1986	37.5462	6.8669	1.19819
5400	4.5723	-0.6768	1.2039	37.7251	6.9170	1.20356
5500	4.5839	-0.6868	1.2095	37.9098	6.9746	1.20920
5600	4.5959	-0.6968	1.2156	38.1031	7.0415	1.21526
5700	4.6083	-0.7069	1.2221	38.3065	7.1194	1.22181
5800	4.6213	-0.7170	1.2293	38.5211	7.2097	1.22900
5900	4.6350	-0.7272	1.2373	38.7496	7.3140	1.23693
6000	4.6493	-0.7375	1.2460	38.9928	7.4331	1.24570
6100	4.6643	-0.7481	1.2557	39.2525	7.5686	1.25540
6200	4.6801	-0.7588	1.2665	39.5293	7.7214	1.26617
6300	4.6966	-0.7699	1.2784	39.8254	7.8928	1.27810
6400	4.7137	-0.7811	1.2915	40.1416	8.0827	1.29122
6500	4.7317	-0.7927	1.3060	40.4792	8.2935	1.30572
6600	4.7502	-0.8046	1.3219	40.8389	8.5250	1.32163
6700	4.7694	-0.8168	1.3392	41.2202	8.7764	1.33895
6800	4.7892	-0.8293	1.3581	41.6262	9.0500	1.35785
6900	4.8093	-0.8421	1.3785	42.0530	9.3428	1.37823
7000	4.8299	-0.8552	1.4005	42.5040	9.6569	1.40023
7100	4.8507	-0.8686	1.4239	42.9741	9.9881	1.42364
7200	4.8717	-0.8822	1.4488	43.4641	10.3359	1.44850
7300	4.8926	-0.8959	1.4748	43.9695	10.6963	1.47457
7400	4.9134	-0.9098	1.5022	44.4917	11.0701	1.50193
7500	4.9339	-0.9237	1.5304	45.0227	11.4498	1.53013
7600	4.9539	-0.9376	1.5593	45.5607	11.8337	1.55908
7700	4.9734	-0.9514	1.5886	46.0990	12.2150	1.58838
7800	4.9922	-0.9650	1.6181	46.6359	12.5917	1.61784
7900	5.0102	-0.9783	1.6474	47.1660	12.9591	1.64719
8000	5.0274	-0.9913	1.6763	47.6848	13.3130	1.67609
8100	5.0435	-1.0039	1.7043	48.1863	13.6469	1.70412
8200	5.0587	-1.0161	1.7314	48.6687	13.9601	1.73115
8300	5.0728	-1.0277	1.7570	49.1272	14.2476	1.75681
8400	5.0859	-1.0389	1.7813	49.5613	14.5095	1.78106
8500	5.0981	-1.0495	1.8040	49.9702	14.7454	1.80380
8600	5.1092	-1.0596	1.8250	50.3513	14.9527	1.82480
8700	5.1194	-1.0692	1.8442	50.7050	15.1324	1.84408
8800	5.1288	-1.0783	1.8619	51.0338	15.2875	1.86177
8900	5.1374	-1.0869	1.8780	51.3388	15.4190	1.87791
9000	5.1454	-1.0952	1.8926	51.6207	15.5280	1.89251
9100	5.1527	-1.1030	1.9058	51.8822	15.6175	1.90576
9200	5.1594	-1.1104	1.9177	52.1245	15.6887	1.91769
9300	5.1656	-1.1176	1.9285	52.3498	15.7440	1.92846
9400	5.1714	-1.1244	1.9382	52.5607	15.7863	1.93824
9500	5.1769	-1.1310	1.9471	52.7592	15.8176	1.94715
9600	5.1820	-1.1373	1.9552	52.9464	15.8390	1.95525
9700	5.1869	-1.1434	1.9625	53.1239	15.8523	1.96267
9800	5.1915	-1.1494	1.9693	53.2937	15.8593	1.96953
9900	5.1960	-1.1552	1.9757	53.4569	15.8615	1.97591
10000	5.2003	-1.1609	1.9816	53.6146	15.8598	1.98188
10100	5.2045	-1.1664	1.9872	53.7683	15.8557	1.98755
10200	5.2086	-1.1719	1.9925	53.9185	15.8498	1.99297

LOG P = 0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10300	5.2127	-1.1772	1.9977	54.0666	15.8432	1.99822
10400	5.2167	-1.1825	2.0027	54.2128	15.8365	2.00333
10500	5.2207	-1.1877	2.0076	54.3581	15.8301	2.00835
10600	5.2247	-1.1929	2.0125	54.5031	15.8252	2.01335
10700	5.2286	-1.1980	2.0174	54.6483	15.8217	2.01836
10800	5.2326	-1.2031	2.0223	54.7942	15.8204	2.02340
10900	5.2367	-1.2082	2.0273	54.9412	15.8218	2.02854
11000	5.2408	-1.2133	2.0324	55.0898	15.8257	2.03378
11100	5.2449	-1.2183	2.0376	55.2404	15.8331	2.03916
11200	5.2491	-1.2233	2.0430	55.3932	15.8438	2.04471
11300	5.2533	-1.2284	2.0485	55.5485	15.8584	2.05043
11400	5.2577	-1.2334	2.0543	55.7066	15.8767	2.05639
11500	5.2621	-1.2385	2.0602	55.8681	15.8994	2.06258
11600	5.2666	-1.2435	2.0664	56.0327	15.9262	2.06902
11700	5.2712	-1.2486	2.0729	56.2011	15.9579	2.07575
11800	5.2758	-1.2537	2.0796	56.3731	15.9938	2.08276
11900	5.2806	-1.2589	2.0867	56.5494	16.0351	2.09009
12000	5.2855	-1.2640	2.0940	56.7299	16.0812	2.09776
12100	5.2905	-1.2692	2.1017	56.9147	16.1323	2.10577
12200	5.2956	-1.2744	2.1097	57.1041	16.1888	2.11415
12300	5.3008	-1.2797	2.1181	57.2983	16.2505	2.12290
12400	5.3061	-1.2850	2.1258	57.4973	16.3177	2.13204
12500	5.3115	-1.2904	2.1360	57.7015	16.3905	2.14151
12600	5.3170	-1.2958	2.1455	57.9107	16.4688	2.15158
12700	5.3227	-1.3012	2.1555	58.1254	16.5531	2.16200
12800	5.3284	-1.3067	2.1658	58.3454	16.6428	2.17286
12900	5.3343	-1.3122	2.1766	58.5710	16.7386	2.18419
13000	5.3403	-1.3178	2.1879	58.8022	16.8401	2.19599
13100	5.3464	-1.3235	2.1996	59.0390	16.9475	2.20825
13200	5.3526	-1.3292	2.2117	59.2816	17.0609	2.22102
13300	5.3589	-1.3349	2.2244	59.5302	17.1802	2.23430
13400	5.3653	-1.3407	2.2375	59.7846	17.3055	2.24808
13500	5.3718	-1.3466	2.2511	60.0450	17.4368	2.26238
13600	5.3784	-1.3525	2.2652	60.3115	17.5741	2.27721
13700	5.3851	-1.3585	2.2798	60.5838	17.7171	2.29256
13800	5.3919	-1.3645	2.2949	60.8622	17.8660	2.30845
13900	5.3988	-1.3706	2.3105	61.1464	18.0206	2.32487
14000	5.4058	-1.3767	2.3266	61.4401	18.1846	2.34193
14100	5.4128	-1.3829	2.3433	61.7328	18.3472	2.35934
14200	5.4199	-1.3891	2.3604	62.0348	18.5189	2.37740
14300	5.4271	-1.3954	2.3781	62.3424	18.6961	2.39598
14400	5.4343	-1.4018	2.3963	62.6560	18.8785	2.41512
14500	5.4416	-1.4081	2.4150	62.9749	19.0663	2.43478
14600	5.4490	-1.4146	2.4342	63.2989	19.2586	2.45495
14700	5.4564	-1.4210	2.4538	63.6286	19.4563	2.47556
14800	5.4638	-1.4275	2.4740	63.9633	19.6586	2.49687
14900	5.4713	-1.4341	2.4947	64.3026	19.8647	2.51856
15000	5.4788	-1.4406	2.5158	64.6466	20.0751	2.54075

LOG P = 0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8367	0.9416	0.9856	20.5216	3.4331	1.00000
300	3.0177	0.7598	0.9989	22.0633	3.4718	1.00000
400	3.1446	0.5336	1.0017	23.0793	3.4875	1.00000

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LOG P= 0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
500	3.2437	0.5354	1.0023	23.8694	3.5055	1.00000
600	3.3254	0.4572	1.0025	24.5304	3.5260	1.00000
700	3.3956	0.3902	1.0025	25.1029	3.5526	1.00000
800	3.4573	0.3323	1.0024	25.5060	3.5823	1.00000
900	3.5122	0.2812	1.0023	26.0661	3.6141	1.00000
1000	3.5620	0.2355	1.0021	26.4867	3.6473	1.00000
1100	3.6073	0.1942	1.0020	26.8770	3.6805	1.00000
1200	3.6490	0.1564	1.0019	27.2271	3.7138	1.00000
1300	3.6876	0.1217	1.0018	27.5467	3.7468	1.00000
1400	3.7235	0.0896	1.0016	27.8567	3.7792	1.00000
1500	3.7571	0.0596	1.0016	28.1620	3.8109	0.99999
1600	3.7888	0.0317	1.0015	28.4411	3.8432	0.99999
1700	3.8189	0.0054	1.0014	28.7067	3.8766	0.99999
1800	3.8471	-0.0195	1.0014	28.9610	3.9065	0.99999
1900	3.8741	-0.0430	1.0013	29.2051	3.9386	1.00001
2000	3.8999	-0.0653	1.0013	29.4403	3.9711	1.00003
2100	3.9247	-0.0865	1.0013	29.6680	4.0038	1.00010
2200	3.9487	-0.1067	1.0013	29.8892	4.0386	1.00022
2300	3.9717	-0.1261	1.0015	30.1054	4.0740	1.00041
2400	3.9943	-0.1448	1.0018	30.3179	4.1121	1.00074
2500	4.0164	-0.1627	1.0022	30.5284	4.1542	1.00124
2600	4.0383	-0.1801	1.0030	30.7384	4.2003	1.00200
2700	4.0599	-0.1970	1.0040	30.9498	4.2517	1.00310
2800	4.0818	-0.2134	1.0055	31.1646	4.3112	1.00462
2900	4.1038	-0.2295	1.0076	31.3846	4.3788	1.00670
3000	4.1263	-0.2454	1.0103	31.6145	4.4587	1.00945
3100	4.1491	-0.2612	1.0138	31.8506	4.5476	1.01299
3200	4.1724	-0.2769	1.0182	32.0970	4.6477	1.01743
3300	4.1961	-0.2925	1.0236	32.3543	4.7603	1.02287
3400	4.2204	-0.3082	1.0301	32.6233	4.8858	1.02939
3500	4.2449	-0.3240	1.0377	32.9032	5.0217	1.03702
3600	4.2697	-0.3399	1.0464	33.1933	5.1685	1.04574
3700	4.2943	-0.3558	1.0561	33.4907	5.3218	1.05546
3800	4.3186	-0.3717	1.0667	33.7927	5.4803	1.06603
3900	4.3422	-0.3875	1.0779	34.0956	5.6388	1.07723
4000	4.3649	-0.4031	1.0894	34.3947	5.7927	1.08878
4100	4.3865	-0.4184	1.1010	34.6862	5.9395	1.10040
4200	4.4067	-0.4333	1.1124	34.9660	6.0743	1.11177
4300	4.4256	-0.4478	1.1232	35.2311	6.1956	1.12261
4400	4.4428	-0.4617	1.1333	35.4802	6.3007	1.13277
4500	4.4588	-0.4750	1.1427	35.7133	6.3916	1.14213
4600	4.4735	-0.4877	1.1512	35.9305	6.4672	1.15063
4700	4.4871	-0.5000	1.1588	36.1340	6.5307	1.15832
4800	4.4998	-0.5117	1.1658	36.3258	6.5845	1.16528
4900	4.5118	-0.5230	1.1721	36.5087	6.6314	1.17163
5000	4.5238	-0.5339	1.1777	36.6918	6.6804	1.17726
5100	4.5350	-0.5445	1.1833	36.8645	6.7203	1.18279
5200	4.5460	-0.5549	1.1886	37.0354	6.7604	1.18812
5300	4.5570	-0.5651	1.1938	37.2066	6.8028	1.19338
5400	4.5681	-0.5751	1.1992	37.3810	6.8494	1.19871
5500	4.5793	-0.5851	1.2046	37.5595	6.9021	1.20420
5600	4.5910	-0.5950	1.2104	37.7448	6.9625	1.21001
5700	4.6030	-0.6049	1.2166	37.9387	7.0323	1.21621
5800	4.6155	-0.6148	1.2233	38.1418	7.1126	1.22294
5900	4.6285	-0.6249	1.2307	38.3569	7.2054	1.23031

LOG P= 0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6000	4.6421	-0.6350	1.2388	38.5849	7.3111	1.23839
6100	4.6564	-0.6453	1.2477	38.8271	7.4314	1.24729
6200	4.6713	-0.6558	1.2575	39.0845	7.5671	1.25713
6300	4.6869	-0.6664	1.2684	39.3589	7.7195	1.26800
6400	4.7032	-0.6774	1.2803	39.6516	7.8888	1.27994
6500	4.7202	-0.6885	1.2935	39.9634	8.0770	1.29311
6600	4.7378	-0.7000	1.3079	40.2954	8.2843	1.30757
6700	4.7560	-0.7117	1.3237	40.6472	8.5101	1.32332
6800	4.7748	-0.7238	1.3409	41.0219	8.7565	1.34052
6900	4.7941	-0.7361	1.3594	41.4162	9.0213	1.35911
7000	4.8139	-0.7487	1.3796	41.8337	9.3066	1.37924
7100	4.8339	-0.7616	1.4011	42.2699	9.6091	1.40075
7200	4.8542	-0.7747	1.4240	42.7262	9.9287	1.42358
7300	4.8746	-0.7880	1.4482	43.1989	10.2624	1.44787
7400	4.8950	-0.8015	1.4737	43.6900	10.6111	1.47341
7500	4.9152	-0.8151	1.5003	44.1927	10.9688	1.49996
7600	4.9352	-0.8287	1.5278	44.7057	11.3342	1.52746
7700	4.9547	-0.8423	1.5558	45.2234	11.7015	1.55554
7800	4.9738	-0.8558	1.5844	45.7444	12.0688	1.58410
7900	4.9922	-0.8692	1.6131	46.2640	12.4323	1.61286
8000	5.0099	-0.8823	1.6418	46.7779	12.7877	1.64154
8100	5.0267	-0.8951	1.6700	47.2800	13.1289	1.66972
8200	5.0427	-0.9075	1.6975	47.7686	13.4544	1.69726
8300	5.0577	-0.9195	1.7240	48.2382	13.7591	1.72377
8400	5.0717	-0.9310	1.7494	48.6879	14.0425	1.74918
8500	5.0848	-0.9421	1.7736	49.1157	14.3026	1.77332
8600	5.0970	-0.9527	1.7961	49.5184	14.5365	1.79592
8700	5.1081	-0.9628	1.8171	49.8951	14.7440	1.81691
8800	5.1185	-0.9724	1.8366	50.2478	14.9272	1.83638
8900	5.1280	-0.9815	1.8545	50.5770	15.0867	1.85434
9000	5.1367	-0.9901	1.8709	50.8821	15.2225	1.87072
9100	5.1448	-0.9984	1.8858	51.1660	15.3377	1.88569
9200	5.1522	-1.0063	1.8994	51.4291	15.4325	1.89924
9300	5.1591	-1.0137	1.9116	51.6733	15.5094	1.91151
9400	5.1655	-1.0209	1.9227	51.9014	15.5714	1.92258
9500	5.1714	-1.0278	1.9329	52.1154	15.6205	1.93286
9600	5.1770	-1.0344	1.9421	52.3161	15.6575	1.94209
9700	5.1822	-1.0408	1.9504	52.5052	15.6841	1.95051
9800	5.1872	-1.0469	1.9581	52.6849	15.7028	1.95826
9900	5.1919	-1.0529	1.9652	52.8562	15.7145	1.96540
10000	5.1965	-1.0587	1.9718	53.0205	15.7211	1.97201
10100	5.2009	-1.0644	1.9779	53.1793	15.7233	1.97822
10200	5.2051	-1.0699	1.9837	53.3333	15.7224	1.98409
10300	5.2093	-1.0754	1.9892	53.4837	15.7194	1.98968
10400	5.2134	-1.0807	1.9945	53.6313	15.7152	1.99505
10500	5.2174	-1.0860	1.9996	53.7767	15.7102	2.00026
10600	5.2214	-1.0912	2.0046	53.9209	15.7055	2.00536
10700	5.2253	-1.0963	2.0096	54.0642	15.7014	2.01040
10800	5.2293	-1.1014	2.0144	54.2074	15.6985	2.01542
10900	5.2333	-1.1065	2.0193	54.3508	15.6973	2.02046
11000	5.2372	-1.1115	2.0243	54.4950	15.6981	2.02554
11100	5.2413	-1.1165	2.0293	54.6403	15.7013	2.03071
11200	5.2453	-1.1215	2.0344	54.7871	15.7073	2.03599
11300	5.2494	-1.1265	2.0396	54.9357	15.7162	2.04140
11400	5.2536	-1.1315	2.0450	55.0864	15.7284	2.04698

LOG P= 0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11500	5.2578	-1.1364	2.0506	55.2398	15.7444	2.05275
11600	5.2621	-1.1414	2.0563	55.3957	15.7638	2.05872
11700	5.2665	-1.1464	2.0623	55.5546	15.7872	2.06493
11800	5.2709	-1.1514	2.0684	55.7166	15.8148	2.07137
11900	5.2755	-1.1564	2.0749	55.8821	15.8467	2.07808
12000	5.2801	-1.1614	2.0816	56.0512	15.8831	2.08508
12100	5.2848	-1.1665	2.0886	56.2240	15.9239	2.09239
12200	5.2897	-1.1716	2.0958	56.4008	15.9695	2.10000
12300	5.2946	-1.1767	2.1034	56.5817	16.0197	2.10795
12400	5.2996	-1.1818	2.1113	56.7668	16.0749	2.11624
12500	5.3047	-1.1870	2.1196	56.9565	16.1353	2.12491
12600	5.3099	-1.1922	2.1282	57.1506	16.2005	2.13393
12700	5.3152	-1.1975	2.1371	57.3494	16.2710	2.14335
12800	5.3206	-1.2028	2.1465	57.5531	16.3468	2.15317
12900	5.3262	-1.2081	2.1562	57.7617	16.4278	2.16340
13000	5.3318	-1.2135	2.1663	57.9752	16.5141	2.17406
13100	5.3375	-1.2190	2.1768	58.1938	16.6058	2.18513
13200	5.3434	-1.2244	2.1878	58.4176	16.7033	2.19666
13300	5.3493	-1.2300	2.1992	58.6468	16.8059	2.20866
13400	5.3554	-1.2355	2.2110	58.8813	16.9143	2.22111
13500	5.3615	-1.2412	2.2232	59.1212	17.0280	2.23402
13600	5.3677	-1.2469	2.2359	59.3666	17.1473	2.24743
13700	5.3741	-1.2526	2.2491	59.6174	17.2720	2.26132
13800	5.3805	-1.2584	2.2627	59.8737	17.4023	2.27570
13900	5.3870	-1.2642	2.2768	60.1355	17.5380	2.29057
14000	5.3937	-1.2701	2.2913	60.4059	17.6821	2.30595
14100	5.4003	-1.2760	2.3064	60.6757	17.8256	2.32184
14200	5.4070	-1.2820	2.3219	60.9540	17.9774	2.33823
14300	5.4138	-1.2880	2.3379	61.2375	18.1343	2.35512
14400	5.4207	-1.2941	2.3544	61.5269	18.2968	2.37254
14500	5.4277	-1.3002	2.3713	61.8213	18.4639	2.39046
14600	5.4347	-1.3064	2.3887	62.1206	18.6357	2.40885
14700	5.4418	-1.3126	2.4066	62.4254	18.8127	2.42778
14800	5.4489	-1.3188	2.4250	62.7352	18.9944	2.44719
14900	5.4560	-1.3251	2.4438	63.0495	19.1801	2.46707
15000	5.4632	-1.3314	2.4631	63.3686	19.3703	2.48744

LOG P= 0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8350	1.0434	0.9817	20.3814	3.4192	1.00000
300	3.0172	0.8500	0.9983	21.8295	3.4679	1.00000
400	3.1444	0.7334	1.0021	22.8472	3.4861	1.00000
500	3.2437	0.6362	1.0029	23.6382	3.5052	1.00000
600	3.3254	0.5569	1.0032	24.2994	3.5259	1.00000
700	3.3957	0.4900	1.0031	24.8721	3.5527	1.00000
800	3.4573	0.4320	1.0031	25.3753	3.5825	1.00000
900	3.5123	0.3809	1.0029	25.8356	3.6145	1.00000
1000	3.5620	0.3352	1.0027	26.2563	3.6478	1.00000
1100	3.6074	0.2939	1.0025	26.6466	3.6810	1.00000
1200	3.6490	0.2562	1.0024	26.9967	3.7141	1.00000
1300	3.6876	0.2215	1.0022	27.3169	3.7472	1.00000
1400	3.7236	0.1894	1.0021	27.6269	3.7795	1.00000
1500	3.7572	0.1595	1.0020	27.9317	3.8112	0.99999
1600	3.7889	0.1315	1.0019	28.2107	3.8435	0.99999

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1700	3.8190	0.1052	1.0018	28.4764	3.8770	0.99999
1800	3.8471	0.0804	1.0017	28.7306	3.9068	0.99999
1900	3.8741	0.0570	1.0016	28.9745	3.9388	1.00001
2000	3.9000	0.0347	1.0015	29.2096	3.9712	1.00003
2100	3.9247	0.0135	1.0016	29.4370	4.0037	1.00009
2200	3.9486	-0.0067	1.0016	29.6578	4.0381	1.00019
2300	3.9716	-0.0261	1.0017	29.8735	4.0730	1.00036
2400	3.9941	-0.0447	1.0020	30.0850	4.1102	1.00065
2500	4.0161	-0.0626	1.0023	30.2942	4.1511	1.00110
2600	4.0378	-0.0800	1.0030	30.5022	4.1954	1.00178
2700	4.0592	-0.0968	1.0039	30.7110	4.2443	1.00276
2800	4.0807	-0.1132	1.0052	30.9222	4.3006	1.00412
2900	4.1023	-0.1292	1.0071	31.1375	4.3639	1.00597
3000	4.1244	-0.1450	1.0095	31.3616	4.4385	1.00844
3100	4.1466	-0.1506	1.0126	31.5905	4.5209	1.01160
3200	4.1692	-0.1761	1.0166	31.8284	4.6134	1.01559
3300	4.1922	-0.1916	1.0214	32.0759	4.7173	1.02049
3400	4.2157	-0.2070	1.0273	32.3338	4.8332	1.02639
3500	4.2395	-0.2225	1.0342	32.6019	4.9589	1.03331
3600	4.2635	-0.2381	1.0422	32.8797	5.0953	1.04129
3700	4.2874	-0.2537	1.0511	33.1649	5.2385	1.05024
3800	4.3112	-0.2693	1.0609	33.4556	5.3880	1.06006
3900	4.3345	-0.2849	1.0714	33.7486	5.5391	1.07059
4000	4.3570	-0.3003	1.0824	34.0399	5.6880	1.08159
4100	4.3786	-0.3155	1.0936	34.3263	5.8321	1.09281
4200	4.3990	-0.3304	1.1047	34.6036	5.9671	1.10396
4300	4.4182	-0.3448	1.1155	34.8689	6.0910	1.11478
4400	4.4359	-0.3588	1.1258	35.1202	6.2007	1.12508
4500	4.4524	-0.3722	1.1354	35.3570	6.2976	1.13471
4600	4.4676	-0.3851	1.1442	35.5788	6.3797	1.14356
4700	4.4816	-0.3975	1.1523	35.7868	6.4496	1.15165
4800	4.4948	-0.4094	1.1596	35.9828	6.5092	1.15901
4900	4.5072	-0.4209	1.1664	36.1690	6.5609	1.16574
5000	4.5194	-0.4319	1.1723	36.3544	6.6137	1.17169
5100	4.5308	-0.4426	1.1781	36.5281	6.6558	1.17748
5200	4.5419	-0.4531	1.1836	36.6985	6.6966	1.18299
5300	4.5528	-0.4633	1.1889	36.8678	6.7383	1.18835
5400	4.5638	-0.4733	1.1942	37.0388	6.7829	1.19369
5500	4.5749	-0.4833	1.1996	37.2123	6.8318	1.19909
5600	4.5862	-0.4931	1.2053	37.3911	6.8871	1.20474
5700	4.5979	-0.5029	1.2112	37.5768	6.9500	1.21068
5800	4.6099	-0.5128	1.2176	37.7701	7.0220	1.21704
5900	4.6224	-0.5226	1.2244	37.9735	7.1046	1.22393
6000	4.6354	-0.5326	1.2319	38.1879	7.1987	1.23143
6100	4.6490	-0.5427	1.2401	38.4148	7.3055	1.23964
6200	4.6632	-0.5529	1.2491	38.6549	7.4261	1.24866
6300	4.6780	-0.5632	1.2591	38.9102	7.5617	1.25860
6400	4.6934	-0.5738	1.2699	39.1816	7.7123	1.26948
6500	4.7094	-0.5846	1.2819	39.4702	7.8802	1.28146
6600	4.7262	-0.5957	1.2951	39.7770	8.0655	1.29461
6700	4.7435	-0.6070	1.3094	40.1018	8.2677	1.30893
6800	4.7614	-0.6186	1.3250	40.4477	8.4891	1.32458
6900	4.7798	-0.6304	1.3419	40.8118	8.7279	1.34151
7000	4.7987	-0.6426	1.3603	41.1978	8.9861	1.35989
7100	4.8179	-0.6550	1.3800	41.6017	9.2611	1.37959

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7200	4.8375	-0.6676	1.4011	42.0254	9.5532	1.40065
7300	4.8572	-0.5805	1.4234	42.4659	9.8599	1.42299
7400	4.8771	-0.6936	1.4471	42.9255	10.1828	1.44670
7500	4.8969	-0.7068	1.4719	43.3982	10.5164	1.47149
7600	4.9167	-0.7201	1.4977	43.8836	10.8602	1.49736
7700	4.9361	-0.7334	1.5244	44.3768	11.2094	1.52399
7800	4.9552	-0.7468	1.5517	44.8772	11.5627	1.55133
7900	4.9738	-0.7600	1.5795	45.3805	11.9165	1.57915
8000	4.9918	-0.7731	1.6076	45.8832	12.2672	1.60720
8100	5.0092	-0.7860	1.6354	46.3795	12.6091	1.63509
8200	5.0258	-0.7986	1.6630	46.8674	12.9405	1.66270
8300	5.0415	-0.8108	1.6900	47.3417	13.2559	1.68964
8400	5.0564	-0.8227	1.7161	47.8008	13.5545	1.71579
8500	5.0704	-0.8341	1.7413	48.2423	13.8339	1.74096
8600	5.0834	-0.8451	1.7651	48.6618	14.0900	1.76484
8700	5.0955	-0.8556	1.7876	49.0581	14.3220	1.78729
8800	5.1068	-0.8657	1.8086	49.4321	14.5313	1.80838
8900	5.1172	-0.8753	1.8283	49.7837	14.7178	1.82804
9000	5.1269	-0.8844	1.8464	50.1117	14.8803	1.84615
9100	5.1358	-0.8931	1.8631	50.4182	15.0217	1.86287
9200	5.1440	-0.9014	1.8783	50.7030	15.1417	1.87812
9300	5.1515	-0.9093	1.8922	50.9678	15.2421	1.89201
9400	5.1586	-0.9168	1.9048	51.2152	15.3260	1.90472
9500	5.1651	-0.9241	1.9164	51.4468	15.3951	1.91632
9600	5.1712	-0.9310	1.9269	51.6632	15.4501	1.92686
9700	5.1769	-0.9376	1.9365	51.8662	15.4927	1.93646
9800	5.1823	-0.9441	1.9452	52.0582	15.5256	1.94526
9900	5.1874	-0.9502	1.9532	52.2400	15.5497	1.95334
10000	5.1922	-0.9563	1.9606	52.4131	15.5663	1.96076
10100	5.1968	-0.9621	1.9675	52.5792	15.5773	1.96768
10200	5.2013	-0.9578	1.9739	52.7390	15.5837	1.97413
10300	5.2056	-0.9733	1.9799	52.8940	15.5865	1.98023
10400	5.2098	-0.9788	1.9856	53.0447	15.5866	1.98600
10500	5.2139	-0.9841	1.9910	53.1921	15.5850	1.99152
10600	5.2179	-0.9894	1.9962	53.3372	15.5823	1.99686
10700	5.2219	-0.9946	2.0013	53.4803	15.5792	2.00206
10800	5.2259	-0.9997	2.0063	53.6223	15.5763	2.00716
10900	5.2298	-1.0047	2.0112	53.7638	15.5741	2.01222
11000	5.2338	-1.0098	2.0161	53.9051	15.5733	2.01726
11100	5.2377	-1.0148	2.0210	54.0466	15.5739	2.02232
11200	5.2417	-1.0197	2.0260	54.1890	15.5766	2.02744
11300	5.2457	-1.0246	2.0310	54.3323	15.5814	2.03263
11400	5.2497	-1.0296	2.0361	54.4772	15.5890	2.03794
11500	5.2538	-1.0345	2.0414	54.6239	15.5996	2.04339
11600	5.2579	-1.0394	2.0468	54.7725	15.6130	2.04898
11700	5.2621	-1.0443	2.0523	54.9235	15.6300	2.05477
11800	5.2664	-1.0492	2.0580	55.0769	15.6503	2.06075
11900	5.2707	-1.0541	2.0640	55.2332	15.6743	2.06695
12000	5.2752	-1.0590	2.0701	55.3925	15.7025	2.07339
12100	5.2796	-1.0640	2.0765	55.5548	15.7343	2.08008
12200	5.2842	-1.0689	2.0831	55.7206	15.7704	2.08704
12300	5.2889	-1.0739	2.0900	55.8898	15.8109	2.09430
12400	5.2936	-1.0789	2.0972	56.0627	15.8555	2.10184
12500	5.2984	-1.0840	2.1047	56.2394	15.9046	2.10971
12600	5.3034	-1.0890	2.1125	56.4201	15.9585	2.11790

LOG P= 0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12700	5.3084	-1.0941	2.1206	56.6050	16.0169	2.12644
12800	5.3135	-1.0992	2.1290	56.7940	16.0800	2.13534
12900	5.3187	-1.1044	2.1378	56.9874	16.1481	2.14460
13000	5.3240	-1.1096	2.1469	57.1852	16.2208	2.15423
13100	5.3294	-1.1149	2.1564	57.3875	16.2986	2.16425
13200	5.3349	-1.1201	2.1662	57.5945	16.3814	2.17468
13300	5.3405	-1.1255	2.1765	57.8062	16.4691	2.18551
13400	5.3462	-1.1308	2.1871	58.0227	16.5619	2.19677
13500	5.3520	-1.1362	2.1981	58.2441	16.6598	2.20844
13600	5.3579	-1.1417	2.2096	58.4705	16.7629	2.22057
13700	5.3639	-1.1472	2.2214	58.7017	16.8709	2.23313
13800	5.3699	-1.1528	2.2337	58.9380	16.9842	2.24614
13900	5.3761	-1.1584	2.2464	59.1793	17.1022	2.25959
14000	5.3824	-1.1640	2.2595	59.4284	17.2283	2.27352
14100	5.3886	-1.1697	2.2731	59.6771	17.3540	2.28792
14200	5.3950	-1.1754	2.2871	59.9337	17.4875	2.30278
14300	5.4015	-1.1812	2.3015	60.1950	17.6257	2.31811
14400	5.4080	-1.1870	2.3164	60.4618	17.7691	2.33393
14500	5.4146	-1.1929	2.3318	60.7334	17.9172	2.35022
14600	5.4213	-1.1988	2.3475	61.0097	18.0698	2.36696
14700	5.4280	-1.2048	2.3638	61.2912	18.2274	2.38420
14800	5.4348	-1.2108	2.3805	61.5775	18.3896	2.40192
14900	5.4417	-1.2168	2.3976	61.8681	18.5558	2.42008
15000	5.4486	-1.2229	2.4151	62.1635	18.7266	2.43872

LOG P= 1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8327	1.1456	0.9767	20.1382	3.4013	1.00000
300	3.0166	0.9603	0.9977	21.5946	3.4629	1.00000
400	3.1442	0.8333	1.0025	22.6146	3.4843	1.00000
500	3.2436	0.7359	1.0037	23.4067	3.5047	1.00000
600	3.3254	0.6565	1.0040	24.0682	3.5258	1.00000
700	3.3957	0.5896	1.0039	24.6411	3.5528	1.00000
800	3.4573	0.5317	1.0038	25.1445	3.5828	1.00000
900	3.5123	0.4806	1.0036	25.6049	3.6148	1.00000
1000	3.5621	0.4349	1.0034	26.0258	3.6483	1.00000
1100	3.6074	0.3936	1.0032	26.4162	3.6815	1.00000
1200	3.6491	0.3559	1.0030	26.7663	3.7146	1.00000
1300	3.6877	0.3213	1.0028	27.0865	3.7475	1.00000
1400	3.7236	0.2891	1.0027	27.3966	3.7799	1.00000
1500	3.7572	0.2592	1.0025	27.7013	3.8115	0.99999
1600	3.7889	0.2313	1.0024	27.9804	3.8439	0.99999
1700	3.8190	0.2050	1.0023	28.2461	3.8774	0.99999
1800	3.8471	0.1802	1.0021	28.5003	3.9072	0.99999
1900	3.8742	0.1568	1.0021	28.7442	3.9391	1.00000
2000	3.9000	0.1345	1.0020	28.9791	3.9715	1.00002
2100	3.9247	0.1134	1.0019	29.2063	4.0038	1.00007
2200	3.9486	0.0932	1.0019	29.4268	4.0379	1.00016
2300	3.9716	0.0738	1.0020	29.6418	4.0722	1.00032
2400	3.9939	0.0553	1.0022	29.8526	4.1086	1.00057
2500	4.0158	0.0374	1.0025	30.0604	4.1484	1.00097
2600	4.0373	0.0201	1.0031	30.2667	4.1912	1.00158
2700	4.0585	0.0034	1.0039	30.4730	4.2378	1.00245
2800	4.0797	-0.0130	1.0051	30.6809	4.2911	1.00356

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2900	4.1010	-0.0289	1.0067	30.8921	4.3507	1.00532
3000	4.1226	-0.0446	1.0088	31.1109	4.4205	1.00752
3100	4.1443	-0.0600	1.0116	31.3333	4.4971	1.01036
3200	4.1663	-0.0754	1.0152	31.5634	4.5827	1.01394
3300	4.1886	-0.0906	1.0195	31.8019	4.6787	1.01834
3400	4.2114	-0.1059	1.0248	32.0497	4.7857	1.02367
3500	4.2344	-0.1211	1.0311	32.3067	4.9018	1.02994
3600	4.2577	-0.1364	1.0383	32.5729	5.0283	1.03721
3700	4.2810	-0.1517	1.0465	32.8464	5.1617	1.04542
3800	4.3042	-0.1671	1.0555	33.1258	5.3021	1.05450
3900	4.3271	-0.1824	1.0653	33.4085	5.4452	1.06433
4000	4.3493	-0.1976	1.0757	33.6914	5.5879	1.07472
4100	4.3708	-0.2126	1.0864	33.9713	5.7282	1.08546
4200	4.3913	-0.2274	1.0972	34.2447	5.8618	1.09629
4300	4.4106	-0.2418	1.1079	34.5085	5.9866	1.10696
4400	4.4287	-0.2558	1.1181	34.7604	6.0993	1.11727
4500	4.4457	-0.2694	1.1279	34.9997	6.2007	1.12706
4600	4.4613	-0.2824	1.1370	35.2249	6.2884	1.13618
4700	4.4758	-0.2949	1.1454	35.4370	6.3643	1.14462
4800	4.4894	-0.3070	1.1532	35.6371	6.4297	1.15235
4900	4.5022	-0.3186	1.1602	35.8268	6.4865	1.15945
5000	4.5148	-0.3297	1.1665	36.0149	6.5433	1.16573
5100	4.5263	-0.3406	1.1726	36.1901	6.5884	1.17181
5200	4.5376	-0.3511	1.1783	36.3609	6.6309	1.17754
5300	4.5486	-0.3614	1.1838	36.5292	6.6728	1.18305
5400	4.5595	-0.3715	1.1892	36.6978	6.7162	1.18846
5500	4.5705	-0.3814	1.1945	36.8675	6.7626	1.19385
5600	4.5816	-0.3913	1.2001	37.0411	6.8139	1.19939
5700	4.5929	-0.4010	1.2058	37.2199	6.8713	1.20514
5800	4.6046	-0.4107	1.2119	37.4047	6.9363	1.21122
5900	4.6166	-0.4205	1.2184	37.5981	7.0104	1.21772
6000	4.6291	-0.4303	1.2254	37.8007	7.0944	1.22474
6100	4.6420	-0.4401	1.2330	38.0142	7.1896	1.23235
6200	4.6555	-0.4501	1.2413	38.2389	7.2968	1.24067
6300	4.6696	-0.4602	1.2504	38.4770	7.4174	1.24979
6400	4.6842	-0.4705	1.2603	38.7295	7.5516	1.25974
6500	4.6995	-0.4810	1.2712	38.9971	7.7012	1.27066
6600	4.7153	-0.4917	1.2832	39.2811	7.8665	1.28263
6700	4.7317	-0.5026	1.2962	39.5815	8.0474	1.29566
6800	4.7487	-0.5138	1.3104	39.9010	8.2459	1.30990
6900	4.7662	-0.5252	1.3259	40.2373	8.4605	1.32532
7000	4.7843	-0.5369	1.3426	40.5939	8.6934	1.34206
7100	4.8027	-0.5488	1.3606	40.9675	8.9424	1.36005
7200	4.8215	-0.5610	1.3799	41.3600	9.2079	1.37935
7300	4.8405	-0.5734	1.4004	41.7691	9.4882	1.39988
7400	4.8598	-0.5861	1.4223	42.1973	9.7849	1.42176
7500	4.8791	-0.5989	1.4453	42.6396	10.0935	1.44477
7600	4.8984	-0.6118	1.4694	43.0961	10.4143	1.46891
7700	4.9176	-0.6248	1.4944	43.5626	10.7428	1.49396
7800	4.9366	-0.6379	1.5203	44.0392	11.0784	1.51988
7900	4.9552	-0.6510	1.5469	44.5221	11.4179	1.54648
8000	4.9735	-0.6640	1.5740	45.0085	11.7587	1.57358
8100	4.9911	-0.6768	1.6012	45.4931	12.0952	1.60090
8200	5.0081	-0.6895	1.6285	45.9742	12.4258	1.62805
8300	5.0244	-0.7018	1.6554	46.4464	12.7455	1.65496

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8400	5.0400	-0.7139	1.6818	46.9084	13.0532	1.68142
8500	5.0548	-0.7257	1.7076	47.3573	13.3458	1.70721
8600	5.0687	-0.7370	1.7324	47.7886	13.6192	1.73199
8700	5.0816	-0.7479	1.7560	48.1998	13.8717	1.75561
8800	5.0938	-0.7584	1.7784	48.5918	14.1038	1.77807
8900	5.1052	-0.7634	1.7996	48.9633	14.3150	1.79925
9000	5.1157	-0.7730	1.8193	49.3125	14.5030	1.81900
9100	5.1255	-0.7872	1.8377	49.6408	14.6702	1.83740
9200	5.1345	-0.7959	1.8546	49.9474	14.8157	1.85435
9300	5.1428	-0.8042	1.8702	50.2332	14.9405	1.86990
9400	5.1506	-0.8122	1.8844	50.5007	15.0478	1.88421
9500	5.1578	-0.8198	1.8975	50.7513	15.1387	1.89735
9600	5.1645	-0.8270	1.9095	50.9853	15.2137	1.90933
9700	5.1707	-0.8340	1.9204	51.2042	15.2747	1.92025
9800	5.1766	-0.8407	1.9303	51.4106	15.3241	1.93027
9900	5.1821	-0.8472	1.9394	51.6050	15.3628	1.93944
10000	5.1873	-0.8534	1.9478	51.7890	15.3924	1.94785
10100	5.1923	-0.8594	1.9555	51.9647	15.4147	1.95563
10200	5.1970	-0.8653	1.9627	52.1324	15.4305	1.96285
10300	5.2015	-0.8710	1.9694	52.2940	15.4414	1.96960
10400	5.2059	-0.8766	1.9756	52.4499	15.4482	1.97593
10500	5.2102	-0.8820	1.9815	52.6011	15.4515	1.98191
10600	5.2143	-0.8874	1.9871	52.7490	15.4529	1.98763
10700	5.2184	-0.8926	1.9925	52.8938	15.4526	1.99312
10800	5.2224	-0.8978	1.9977	53.0363	15.4514	1.99843
10900	5.2264	-0.9029	2.0028	53.1774	15.4500	2.00353
11000	5.2303	-0.9080	2.0078	53.3174	15.4489	2.00874
11100	5.2342	-0.9130	2.0127	53.4568	15.4486	2.01381
11200	5.2381	-0.9179	2.0176	53.5962	15.4494	2.01887
11300	5.2421	-0.9228	2.0225	53.7358	15.4516	2.02395
11400	5.2460	-0.9277	2.0274	53.8761	15.4558	2.02909
11500	5.2500	-0.9326	2.0325	54.0178	15.4624	2.03432
11600	5.2540	-0.9374	2.0376	54.1605	15.4713	2.03964
11700	5.2580	-0.9423	2.0428	54.3050	15.4829	2.04511
11800	5.2621	-0.9471	2.0482	54.4513	15.4973	2.05071
11900	5.2663	-0.9520	2.0537	54.5999	15.5149	2.05651
12000	5.2705	-0.9568	2.0594	54.7507	15.5360	2.06248
12100	5.2748	-0.9616	2.0653	54.9041	15.5604	2.06867
12200	5.2792	-0.9665	2.0714	55.0603	15.5884	2.07508
12300	5.2836	-0.9714	2.0778	55.2194	15.6201	2.08174
12400	5.2881	-0.9762	2.0843	55.3817	15.6557	2.08865
12500	5.2927	-0.9811	2.0911	55.5471	15.6953	2.09583
12600	5.2973	-0.9861	2.0982	55.7160	15.7389	2.10329
12700	5.3021	-0.9910	2.1055	55.8885	15.7869	2.11106
12800	5.3069	-0.9960	2.1132	56.0646	15.8389	2.11915
12900	5.3119	-1.0010	2.1211	56.2445	15.8952	2.12755
13000	5.3169	-1.0060	2.1293	56.4283	15.9562	2.13628
13100	5.3220	-1.0111	2.1379	56.6161	16.0214	2.14537
13200	5.3272	-1.0162	2.1458	56.8080	16.0913	2.15480
13300	5.3324	-1.0214	2.1560	57.0041	16.1656	2.16461
13400	5.3378	-1.0265	2.1656	57.2044	16.2447	2.17479
13500	5.3433	-1.0318	2.1755	57.4092	16.3283	2.18535
13600	5.3488	-1.0370	2.1858	57.6184	16.4168	2.19632
13700	5.3545	-1.0423	2.1965	57.8320	16.5099	2.20768
13800	5.3602	-1.0476	2.2076	58.0501	16.6075	2.21945

LOG P= 1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13900	5.3660	-1.0530	2.2190	58.2727	16.7099	2.23163
14000	5.3719	-1.0585	2.2308	58.5026	16.8194	2.24423
14100	5.3779	-1.0639	2.2430	58.7321	16.9290	2.25727
14200	5.3839	-1.0694	2.2557	58.9687	17.0456	2.27074
14300	5.3900	-1.0750	2.2687	59.2098	17.1667	2.28464
14400	5.3962	-1.0806	2.2822	59.4559	17.2927	2.29899
14500	5.4025	-1.0862	2.2960	59.7064	17.4230	2.31378
14600	5.4088	-1.0919	2.3103	59.9613	17.5578	2.32899
14700	5.4152	-1.0976	2.3250	60.2212	17.6973	2.34468
14800	5.4217	-1.1034	2.3401	60.4855	17.8413	2.36081
14900	5.4282	-1.1092	2.3556	60.7542	17.9892	2.37736
15000	5.4348	-1.1150	2.3715	61.0272	18.1414	2.39436

LOG P= 1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8298	1.2484	0.9705	19.8915	3.3789	1.00000
300	3.0158	1.0606	0.9970	21.3587	3.4566	1.00000
400	3.1439	0.9330	1.0031	22.3813	3.4819	1.00000
500	3.2435	0.8355	1.0045	23.1748	3.5040	1.00000
600	3.3254	0.7551	1.0050	23.8368	3.5256	1.00000
700	3.3957	0.6892	1.0049	24.4101	3.5531	1.00000
800	3.4573	0.6313	1.0047	24.9136	3.5831	1.00000
900	3.5124	0.5802	1.0045	25.3742	3.6152	1.00000
1000	3.5621	0.5346	1.0043	25.7952	3.6488	1.00000
1100	3.6075	0.4933	1.0040	26.1857	3.6821	1.00000
1200	3.6492	0.4556	1.0038	26.5359	3.7152	1.00000
1300	3.6878	0.4209	1.0036	26.8560	3.7481	1.00000
1400	3.7237	0.3888	1.0034	27.1662	3.7804	1.00000
1500	3.7573	0.3589	1.0032	27.4709	3.8121	0.99999
1600	3.7890	0.3310	1.0030	27.7500	3.8445	0.99998
1700	3.8190	0.3047	1.0028	28.0158	3.8779	0.99998
1800	3.8472	0.2800	1.0027	28.2700	3.9077	0.99999
1900	3.8742	0.2565	1.0026	28.5139	3.9395	1.00000
2000	3.9000	0.2343	1.0025	28.7488	3.9718	1.00001
2100	3.9247	0.2132	1.0024	28.9758	4.0040	1.00006
2200	3.9486	0.1930	1.0024	29.1960	4.0377	1.00014
2300	3.9715	0.1736	1.0024	29.4105	4.0715	1.00028
2400	3.9938	0.1551	1.0026	29.6205	4.1074	1.00050
2500	4.0156	0.1373	1.0028	29.8273	4.1461	1.00085
2600	4.0369	0.1200	1.0033	30.0320	4.1875	1.00140
2700	4.0579	0.1033	1.0040	30.2361	4.2322	1.00217
2800	4.0789	0.0871	1.0050	30.4412	4.2828	1.00326
2900	4.0998	0.0712	1.0064	30.6485	4.3389	1.00474
3000	4.1210	0.0557	1.0084	30.8624	4.4045	1.00671
3100	4.1422	0.0404	1.0108	31.0789	4.4758	1.00924
3200	4.1637	0.0252	1.0140	31.3020	4.5552	1.01245
3300	4.1854	0.0102	1.0179	31.5323	4.6440	1.01641
3400	4.2075	-0.0048	1.0227	31.7708	4.7428	1.02121
3500	4.2298	-0.0198	1.0283	32.0175	4.8501	1.02688
3600	4.2524	-0.0348	1.0349	32.2728	4.9672	1.03349
3700	4.2750	-0.0499	1.0423	32.5350	5.0912	1.04099
3800	4.2977	-0.0649	1.0506	32.8033	5.2225	1.04935
3900	4.3200	-0.0800	1.0597	33.0757	5.3573	1.05848
4000	4.3419	-0.0949	1.0695	33.3494	5.4932	1.06823

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4100	4.3632	-0.1098	1.0796	33.6219	5.6285	1.07842
4200	4.3836	-0.1244	1.0900	33.8900	5.7591	1.08883
4300	4.4031	-0.1388	1.1004	34.1507	5.8833	1.09924
4400	4.4214	-0.1528	1.1106	34.4018	5.9975	1.10944
4500	4.4387	-0.1664	1.1204	34.6421	6.1021	1.11928
4600	4.4548	-0.1795	1.1296	34.8698	6.1944	1.12858
4700	4.4697	-0.1922	1.1383	35.0852	6.2755	1.13728
4800	4.4838	-0.2044	1.1463	35.2889	6.3463	1.14534
4900	4.4969	-0.2162	1.1538	35.4820	6.4082	1.15278
5000	4.5098	-0.2274	1.1603	35.6731	6.4694	1.15939
5100	4.5217	-0.2384	1.1667	35.8504	6.5179	1.16576
5200	4.5331	-0.2491	1.1727	36.0221	6.5627	1.17175
5300	4.5442	-0.2594	1.1783	36.1902	6.6058	1.17745
5400	4.5551	-0.2696	1.1839	36.3573	6.6490	1.18298
5500	4.5660	-0.2795	1.1893	36.5243	6.6938	1.18841
5600	4.5770	-0.2893	1.1948	36.6937	6.7422	1.19392
5700	4.5881	-0.2991	1.2004	36.8669	6.7953	1.19954
5800	4.5994	-0.3087	1.2062	37.0447	6.8546	1.20540
5900	4.6111	-0.3184	1.2124	37.2294	6.9216	1.21160
6000	4.6231	-0.3280	1.2190	37.4219	6.9969	1.21822
6100	4.6355	-0.3377	1.2261	37.6235	7.0820	1.22534
6200	4.6484	-0.3475	1.2338	37.8347	7.1776	1.23305
6300	4.6618	-0.3574	1.2422	38.0577	7.2851	1.24146
6400	4.6757	-0.3674	1.2513	38.2933	7.4046	1.25059
6500	4.6902	-0.3776	1.2513	38.5423	7.5378	1.26059
6600	4.7052	-0.3880	1.2722	38.8058	7.6853	1.27152
6700	4.7208	-0.3985	1.2841	39.0840	7.8468	1.28339
6800	4.7369	-0.4093	1.2970	39.3796	8.0244	1.29635
6900	4.7536	-0.4203	1.3111	39.6904	8.2170	1.31038
7000	4.7707	-0.4316	1.3263	40.0199	8.4256	1.32564
7100	4.7883	-0.4431	1.3427	40.3652	8.6512	1.34205
7200	4.8063	-0.4548	1.3603	40.7284	8.8917	1.35957
7300	4.8246	-0.4668	1.3791	41.1077	9.1467	1.37850
7400	4.8432	-0.4790	1.3992	41.5056	9.4180	1.39861
7500	4.8619	-0.4913	1.4205	41.9178	9.7017	1.41986
7600	4.8807	-0.5039	1.4429	42.3449	9.9984	1.44226
7700	4.8995	-0.5165	1.4662	42.7834	10.3044	1.46563
7800	4.9182	-0.5293	1.4906	43.2338	10.6196	1.48997
7900	4.9367	-0.5421	1.5157	43.6932	10.9417	1.51516
8000	4.9549	-0.5549	1.5416	44.1591	11.2681	1.54102
8100	4.9727	-0.5676	1.5678	44.5271	11.5942	1.56726
8200	4.9900	-0.5802	1.5943	45.0957	11.9187	1.59378
8300	5.0067	-0.5927	1.6208	45.5600	12.2366	1.62026
8400	5.0228	-0.6049	1.6471	46.0189	12.5472	1.64662
8500	5.0382	-0.6168	1.6731	46.4691	12.8470	1.67260
8600	5.0528	-0.6284	1.6984	46.9052	13.1319	1.69789
8700	5.0666	-0.6396	1.7228	47.3271	13.3995	1.72229
8800	5.0796	-0.6504	1.7462	47.7319	13.6498	1.74577
8900	5.0918	-0.6609	1.7687	48.1194	13.8818	1.76820
9000	5.1032	-0.6709	1.7898	48.4865	14.0927	1.78934
9100	5.1139	-0.6805	1.8097	48.8344	14.2838	1.80927
9200	5.1238	-0.6897	1.8282	49.1613	14.4537	1.82782
9300	5.1329	-0.6984	1.8454	49.4677	14.6030	1.84500
9400	5.1415	-0.7068	1.8613	49.7558	14.7343	1.86095
9500	5.1494	-0.7148	1.8760	50.0264	14.8483	1.87570

LOG P= 1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9600	5.1568	-0.7225	1.8895	50.2792	14.9451	1.88921
9700	5.1636	-0.7298	1.9018	50.5157	15.0263	1.90159
9800	5.1700	-0.7368	1.9132	50.7384	15.0946	1.91298
9900	5.1761	-0.7436	1.9235	50.9476	15.1502	1.92340
10000	5.1817	-0.7501	1.9330	51.1448	15.1948	1.93295
10100	5.1870	-0.7564	1.9418	51.3321	15.2307	1.94178
10200	5.1921	-0.7625	1.9499	51.5100	15.2583	1.94991
10300	5.1969	-0.7684	1.9574	51.6802	15.2796	1.95749
10400	5.2016	-0.7741	1.9643	51.8433	15.2950	1.96453
10500	5.2060	-0.7797	1.9709	52.0004	15.3057	1.97113
10600	5.2104	-0.7852	1.9770	52.1530	15.3131	1.97737
10700	5.2146	-0.7905	1.9828	52.3013	15.3177	1.98329
10800	5.2187	-0.7958	1.9884	52.4462	15.3201	1.98895
10900	5.2227	-0.8010	1.9937	52.5886	15.3212	1.99442
11000	5.2267	-0.8060	1.9989	52.7290	15.3217	1.99973
11100	5.2306	-0.8111	2.0040	52.8678	15.3220	2.00492
11200	5.2346	-0.8160	2.0089	53.0059	15.3225	2.01005
11300	5.2384	-0.8210	2.0139	53.1432	15.3237	2.01513
11400	5.2423	-0.8258	2.0188	53.2806	15.3260	2.02021
11500	5.2462	-0.8307	2.0237	53.4185	15.3301	2.02533
11600	5.2502	-0.8355	2.0286	53.5568	15.3357	2.03049
11700	5.2541	-0.8403	2.0337	53.6963	15.3433	2.03574
11800	5.2581	-0.8451	2.0388	53.8369	15.3535	2.04107
11900	5.2621	-0.8499	2.0440	53.9791	15.3660	2.04655
12000	5.2662	-0.8547	2.0494	54.1230	15.3813	2.05217
12100	5.2703	-0.8594	2.0548	54.2689	15.3995	2.05794
12200	5.2745	-0.8642	2.0605	54.4170	15.4208	2.06390
12300	5.2787	-0.8690	2.0664	54.5674	15.4453	2.07006
12400	5.2830	-0.8738	2.0724	54.7205	15.4732	2.07644
12500	5.2874	-0.8785	2.0786	54.8761	15.5045	2.08303
12600	5.2918	-0.8834	2.0851	55.0347	15.5394	2.08987
12700	5.2963	-0.8882	2.0918	55.1964	15.5779	2.09698
12800	5.3009	-0.8930	2.0987	55.3611	15.6203	2.10435
12900	5.3056	-0.8979	2.1059	55.5291	15.6667	2.11200
13000	5.3103	-0.9028	2.1134	55.7005	15.7169	2.11995
13100	5.3151	-0.9077	2.1211	55.8754	15.7712	2.12821
13200	5.3200	-0.9126	2.1292	56.0538	15.8295	2.13677
13300	5.3250	-0.9176	2.1375	56.2361	15.8920	2.14566
13400	5.3301	-0.9226	2.1462	56.4220	15.9586	2.15489
13500	5.3353	-0.9277	2.1551	56.6118	16.0296	2.16446
13600	5.3405	-0.9327	2.1644	56.8057	16.1048	2.17439
13700	5.3458	-0.9378	2.1740	57.0034	16.1843	2.18468
13800	5.3512	-0.9430	2.1840	57.2052	16.2681	2.19534
13900	5.3567	-0.9482	2.1943	57.4111	16.3562	2.20636
14000	5.3623	-0.9534	2.2050	57.6234	16.4508	2.21778
14100	5.3679	-0.9586	2.2160	57.8354	16.5455	2.22959
14200	5.3736	-0.9639	2.2274	58.0540	16.6469	2.24179
14300	5.3794	-0.9693	2.2391	58.2767	16.7523	2.25439
14400	5.3853	-0.9747	2.2513	58.5039	16.8623	2.26740
14500	5.3912	-0.9801	2.2638	58.7351	16.9766	2.28081
14600	5.3972	-0.9855	2.2766	58.9705	17.0947	2.29462
14700	5.4033	-0.9910	2.2899	59.2103	17.2175	2.30887
14800	5.4094	-0.9965	2.3036	59.4544	17.3444	2.32353
14900	5.4156	-1.0021	2.3176	59.7026	17.4753	2.33859
15000	5.4219	-1.0077	2.3320	59.9548	17.6102	2.35406

LOG P= 1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8262	1.3518	0.9629	19.6403	3.3508	1.00000
300	3.0148	1.1609	0.9962	21.1215	3.4489	1.00000
400	3.1435	1.0327	1.0037	22.1472	3.4788	1.00000
500	3.2434	0.9350	1.0056	22.9425	3.5031	1.00000
600	3.3253	0.8556	1.0062	23.5049	3.5253	1.00000
700	3.3957	0.7886	1.0062	24.1789	3.5534	1.00000
800	3.4574	0.7307	1.0059	24.6826	3.5836	1.00000
900	3.5124	0.6797	1.0057	25.1432	3.6157	1.00000
1000	3.5622	0.6341	1.0054	25.5644	3.6494	1.00000
1100	3.6076	0.5928	1.0051	25.9550	3.6828	1.00000
1200	3.6493	0.5551	1.0048	26.3054	3.7160	1.00000
1300	3.6878	0.5205	1.0045	26.6257	3.7489	1.00000
1400	3.7238	0.4885	1.0042	26.9358	3.7812	1.00000
1500	3.7573	0.4586	1.0040	27.2406	3.8128	0.99999
1600	3.7890	0.4307	1.0038	27.5197	3.8451	0.99998
1700	3.8191	0.4044	1.0036	27.7855	3.8785	0.99998
1800	3.8473	0.3797	1.0034	28.0397	3.9084	0.99998
1900	3.8743	0.3563	1.0032	28.2835	3.9402	0.99999
2000	3.9001	0.3340	1.0031	28.5184	3.9723	1.00001
2100	3.9247	0.3129	1.0030	28.7453	4.0043	1.00004
2200	3.9486	0.2927	1.0029	28.9652	4.0378	1.00011
2300	3.9715	0.2734	1.0029	29.1793	4.0712	1.00024
2400	3.9937	0.2549	1.0030	29.3886	4.1064	1.00044
2500	4.0154	0.2371	1.0032	29.5945	4.1442	1.00075
2600	4.0366	0.2199	1.0036	29.7978	4.1843	1.00124
2700	4.0574	0.2032	1.0042	30.0000	4.2273	1.00192
2800	4.0782	0.1870	1.0051	30.2025	4.2755	1.00289
2900	4.0987	0.1713	1.0064	30.4064	4.3286	1.00422
3000	4.1196	0.1558	1.0080	30.6160	4.3902	1.00598
3100	4.1404	0.1406	1.0103	30.8273	4.4568	1.00824
3200	4.1513	0.1256	1.0131	31.0441	4.5306	1.01112
3300	4.1825	0.1108	1.0166	31.2670	4.6130	1.01467
3400	4.2040	0.0960	1.0208	31.4971	4.7044	1.01899
3500	4.2256	0.0813	1.0259	31.7342	4.8033	1.02411
3600	4.2475	0.0665	1.0318	31.9791	4.9115	1.03010
3700	4.2695	0.0518	1.0386	32.2307	5.0267	1.03694
3800	4.2915	0.0370	1.0462	32.4883	5.1492	1.04460
3900	4.3133	0.0223	1.0546	32.7503	5.2757	1.05304
4000	4.3348	0.0076	1.0637	33.0145	5.4042	1.06212
4100	4.3558	-0.0071	1.0732	33.2789	5.5336	1.07173
4200	4.3761	-0.0215	1.0831	33.5405	5.6602	1.08165
4300	4.3956	-0.0358	1.0931	33.7969	5.7824	1.09170
4400	4.4141	-0.0497	1.1031	34.0457	5.8965	1.10169
4500	4.4316	-0.0633	1.1128	34.2854	6.0029	1.11146
4600	4.4480	-0.0765	1.1222	34.5141	6.0983	1.12083
4700	4.4633	-0.0893	1.1310	34.7317	6.1837	1.12970
4800	4.4778	-0.1016	1.1393	34.9384	6.2593	1.13801
4900	4.4913	-0.1135	1.1470	35.1346	6.3260	1.14575
5000	4.5046	-0.1249	1.1539	35.3287	6.3918	1.15266
5100	4.5167	-0.1350	1.1605	35.5083	6.4440	1.15934
5200	4.5284	-0.1468	1.1668	35.6815	6.4917	1.16560
5300	4.5396	-0.1572	1.1726	35.8501	6.5365	1.17151
5400	4.5507	-0.1575	1.1783	36.0167	6.5805	1.17720
5500	4.5615	-0.1775	1.1838	36.1818	6.6247	1.18273
5600	4.5724	-0.1873	1.1893	36.3481	6.6712	1.18825

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	4.5833	-0.1971	1.1949	36.5169	6.7211	1.19382
5800	4.5944	-0.2067	1.2006	36.6989	6.7759	1.19953
5900	4.6057	-0.2162	1.2065	36.8662	6.8369	1.20551
6000	4.6173	-0.2258	1.2128	37.0501	6.9051	1.21181
6100	4.6293	-0.2354	1.2195	37.2415	6.9816	1.21852
6200	4.6416	-0.2450	1.2267	37.4410	7.0671	1.22573
6300	4.6544	-0.2547	1.2345	37.6505	7.1631	1.23353
6400	4.6677	-0.2645	1.2429	37.8712	7.2696	1.24195
6500	4.6815	-0.2744	1.2520	38.1035	7.3884	1.25114
6600	4.6958	-0.2845	1.2620	38.3487	7.5200	1.26114
6700	4.7105	-0.2947	1.2729	38.6069	7.6642	1.27198
6800	4.7259	-0.3052	1.2847	38.8808	7.8230	1.28380
6900	4.7417	-0.3158	1.2974	39.1684	7.9954	1.29658
7000	4.7580	-0.3267	1.3113	39.4731	8.1835	1.31048
7100	4.7748	-0.3377	1.3263	39.7923	8.3856	1.32543
7200	4.7920	-0.3490	1.3423	40.1282	8.6027	1.34152
7300	4.8095	-0.3606	1.3595	40.4794	8.8337	1.35872
7400	4.8273	-0.3723	1.3780	40.8483	9.0804	1.37715
7500	4.8454	-0.3843	1.3975	41.2314	9.3397	1.39669
7600	4.8636	-0.3964	1.4181	41.6294	9.6122	1.41737
7700	4.8819	-0.4087	1.4398	42.0397	9.8953	1.43905
7800	4.9002	-0.4211	1.4625	42.4630	10.1888	1.46175
7900	4.9184	-0.4335	1.4861	42.8969	10.4910	1.48539
8000	4.9365	-0.4461	1.5106	43.3398	10.8001	1.50985
8100	4.9543	-0.4586	1.5356	43.7876	11.1118	1.53486
8200	4.9717	-0.4711	1.5611	44.2394	11.4255	1.56038
8300	4.9886	-0.4835	1.5868	44.6909	11.7365	1.58609
8400	5.0051	-0.4957	1.6126	45.1407	12.0440	1.61195
8500	5.0209	-0.5077	1.6384	45.5863	12.3452	1.63772
8600	5.0361	-0.5194	1.6638	46.0230	12.6356	1.66310
8700	5.0505	-0.5309	1.6885	46.4477	12.9126	1.68787
8800	5.0643	-0.5420	1.7126	46.8603	13.1763	1.71201
8900	5.0773	-0.5528	1.7359	47.2589	13.4247	1.73534
9000	5.0895	-0.5632	1.7582	47.6400	13.6545	1.75761
9100	5.1010	-0.5732	1.7794	48.0043	13.8669	1.77884
9200	5.1118	-0.5828	1.7994	48.3493	14.0593	1.79892
9300	5.1217	-0.5919	1.8180	48.6749	14.2316	1.81752
9400	5.1311	-0.6007	1.8355	48.9826	14.3864	1.83505
9500	5.1398	-0.6092	1.8518	49.2729	14.5240	1.85138
9600	5.1479	-0.6172	1.8669	49.5448	14.6430	1.86645
9700	5.1554	-0.6249	1.8807	49.7998	14.7458	1.88034
9800	5.1625	-0.6324	1.8935	50.0399	14.8343	1.89319
9900	5.1691	-0.6394	1.9053	50.2654	14.9088	1.90499
10000	5.1752	-0.6463	1.9160	50.4774	14.9707	1.91581
10100	5.1811	-0.6528	1.9260	50.6783	15.0223	1.92583
10200	5.1865	-0.6592	1.9352	50.8683	15.0642	1.93505
10300	5.1918	-0.6653	1.9436	51.0493	15.0979	1.94361
10400	5.1967	-0.6713	1.9515	51.2217	15.1244	1.95153
10500	5.2015	-0.6770	1.9588	51.3867	15.1447	1.95890
10600	5.2060	-0.6827	1.9656	51.5460	15.1603	1.96582
10700	5.2104	-0.6882	1.9720	51.6997	15.1716	1.97232
10800	5.2147	-0.6935	1.9781	51.8489	15.1795	1.97847
10900	5.2188	-0.6988	1.9838	51.9945	15.1852	1.98436
11000	5.2229	-0.7040	1.9894	52.1369	15.1889	1.99001
11100	5.2269	-0.7091	1.9947	52.2769	15.1915	1.99545

LOG P= 1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.2309	-0.7141	1.9998	52.4152	15.1935	2.00077
11300	5.2348	-0.7190	2.0049	52.5518	15.1950	2.00596
11400	5.2387	-0.7239	2.0098	52.6877	15.1971	2.01110
11500	5.2425	-0.7288	2.0148	52.8235	15.2001	2.01622
11600	5.2464	-0.7336	2.0197	52.9588	15.2038	2.02131
11700	5.2503	-0.7384	2.0246	53.0945	15.2090	2.02644
11800	5.2542	-0.7431	2.0296	53.2308	15.2159	2.03162
11900	5.2581	-0.7479	2.0346	53.3682	15.2247	2.03688
12000	5.2620	-0.7526	2.0397	53.5065	15.2355	2.04223
12100	5.2660	-0.7573	2.0449	53.5463	15.2488	2.04769
12200	5.2700	-0.7620	2.0502	53.7877	15.2646	2.05331
12300	5.2741	-0.7567	2.0556	53.9309	15.2832	2.05907
12400	5.2782	-0.7714	2.0612	54.0760	15.3045	2.06500
12500	5.2824	-0.7761	2.0670	54.2234	15.3288	2.07111
12600	5.2867	-0.7808	2.0730	54.3731	15.3563	2.07744
12700	5.2910	-0.7855	2.0791	54.5254	15.3871	2.08398
12800	5.2953	-0.7903	2.0855	54.6802	15.4211	2.09074
12900	5.2998	-0.7950	2.0921	54.8379	15.4586	2.09775
13000	5.3043	-0.7998	2.0989	54.9985	15.4996	2.10502
13100	5.3088	-0.8046	2.1059	55.1619	15.5442	2.11255
13200	5.3135	-0.8094	2.1132	55.3286	15.5924	2.12035
13300	5.3182	-0.8142	2.1207	55.4985	15.6445	2.12845
13400	5.3230	-0.8190	2.1286	55.6715	15.7002	2.13683
13500	5.3279	-0.8239	2.1367	55.8481	15.7599	2.14552
13600	5.3328	-0.8288	2.1451	56.0282	15.8233	2.15453
13700	5.3379	-0.8338	2.1537	56.2117	15.8908	2.16386
13800	5.3430	-0.8387	2.1627	56.3989	15.9621	2.17352
13900	5.3481	-0.8437	2.1720	55.5897	16.0373	2.18352
14000	5.3535	-0.8488	2.1816	56.7863	16.1189	2.19387
14100	5.3587	-0.8538	2.1916	56.9826	16.2001	2.20456
14200	5.3641	-0.8589	2.2019	57.1848	16.2877	2.21563
14300	5.3696	-0.8641	2.2125	57.3907	16.3788	2.22704
14400	5.3752	-0.8692	2.2234	57.5007	16.4744	2.23884
14500	5.3808	-0.8744	2.2347	57.8145	16.5739	2.25101
14600	5.3865	-0.8797	2.2463	58.0319	16.6770	2.26353
14700	5.3922	-0.8850	2.2583	58.2536	16.7845	2.27646
14800	5.3980	-0.8903	2.2706	58.4792	16.8960	2.28978
14900	5.4039	-0.8956	2.2833	58.7084	17.0111	2.30347
15000	5.4099	-0.9010	2.2963	58.9416	17.1300	2.31754

LOG P= 1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8216	1.4561	0.9534	19.3834	3.3154	1.00000
300	3.0136	1.2613	0.9953	20.8826	3.4393	1.00000
400	3.1430	1.1323	1.0047	21.9121	3.4749	1.00000
500	3.2433	1.0344	1.0071	22.7097	3.5020	1.00000
600	3.3253	0.9549	1.0078	23.3726	3.5249	1.00000
700	3.3958	0.8980	1.0078	23.9474	3.5537	1.00000
800	3.4575	0.8301	1.0075	24.4513	3.5841	1.00000
900	3.5125	0.7791	1.0072	24.9122	3.6164	1.00000
1000	3.5623	0.7335	1.0068	25.3335	3.6501	1.00000
1100	3.6077	0.6922	1.0064	25.7243	3.6836	1.00000
1200	3.6494	0.5546	1.0061	26.0748	3.7169	1.00000
1300	3.6880	0.5200	1.0057	26.3952	3.7499	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.7239	0.5880	1.0054	26.7054	3.7821	1.00000
1500	3.7574	0.5581	1.0050	27.0102	3.8137	0.99998
1600	3.7891	0.5302	1.0048	27.2893	3.8460	0.99998
1700	3.8192	0.5040	1.0045	27.5551	3.8794	0.99997
1800	3.8474	0.4793	1.0043	27.8093	3.9091	0.99998
1900	3.8743	0.4559	1.0041	28.0532	3.9409	0.99999
2000	3.9001	0.4337	1.0039	28.2880	3.9730	1.00000
2100	3.9248	0.4126	1.0037	28.5148	4.0049	1.00003
2200	3.9486	0.3924	1.0036	28.7345	4.0381	1.00009
2300	3.9714	0.3731	1.0036	28.9482	4.0711	1.00020
2400	3.9936	0.3546	1.0036	29.1569	4.1056	1.00038
2500	4.0152	0.3358	1.0038	29.3620	4.1428	1.00066
2600	4.0363	0.3197	1.0041	29.5641	4.1817	1.00109
2700	4.0570	0.3031	1.0046	29.7646	4.2231	1.00170
2800	4.0775	0.2869	1.0054	29.9647	4.2692	1.00257
2900	4.0978	0.2712	1.0064	30.1656	4.3195	1.00375
3000	4.1184	0.2559	1.0079	30.3713	4.3776	1.00532
3100	4.1387	0.2408	1.0099	30.5778	4.4399	1.00735
3200	4.1592	0.2259	1.0124	30.7890	4.5088	1.00992
3300	4.1799	0.2112	1.0155	31.0055	4.5853	1.01311
3400	4.2008	0.1966	1.0193	31.2279	4.6701	1.01699
3500	4.2218	0.1821	1.0238	31.4561	4.7611	1.02162
3600	4.2430	0.1676	1.0292	31.6914	4.8611	1.02703
3700	4.2644	0.1531	1.0354	31.9332	4.9679	1.03325
3800	4.2858	0.1386	1.0423	32.1808	5.0822	1.04025
3900	4.3071	0.1242	1.0500	32.4330	5.2007	1.04801
4000	4.3281	0.1097	1.0584	32.6876	5.3217	1.05644
4100	4.3487	0.0954	1.0673	32.9433	5.4445	1.06542
4200	4.3689	0.0811	1.0766	33.1975	5.5660	1.07481
4300	4.3882	0.0570	1.0862	33.4482	5.6848	1.08442
4400	4.4067	0.0532	1.0959	33.6933	5.7975	1.09410
4500	4.4244	0.0397	1.1054	33.9314	5.9045	1.10370
4600	4.4410	0.0265	1.1147	34.1598	6.0019	1.11303
4700	4.4567	0.0137	1.1236	34.3784	6.0903	1.12197
4800	4.4715	0.0013	1.1320	34.5870	6.1698	1.13045
4900	4.4854	-0.0107	1.1400	34.7857	6.2407	1.13842
5000	4.4991	-0.0222	1.1471	34.9825	6.3109	1.14560
5100	4.5115	-0.0334	1.1541	35.1643	6.3669	1.15256
5200	4.5234	-0.0443	1.1605	35.3392	6.4178	1.15908
5300	4.5348	-0.0549	1.1667	35.5088	6.4650	1.16522
5400	4.5460	-0.0652	1.1725	35.6753	6.5101	1.17111
5500	4.5569	-0.0752	1.1781	35.8394	6.5546	1.17676
5600	4.5677	-0.0851	1.1837	36.0036	6.6002	1.18235
5700	4.5786	-0.0949	1.1892	36.1689	6.6479	1.18791
5800	4.5895	-0.1045	1.1948	36.3360	6.6992	1.19355
5900	4.6005	-0.1140	1.2006	36.5071	6.7553	1.19936
6000	4.6118	-0.1235	1.2067	36.6833	6.8171	1.20542
6100	4.6234	-0.1331	1.2130	36.8668	6.8869	1.21191
6200	4.6352	-0.1425	1.2198	37.0561	6.9639	1.21860
6300	4.6475	-0.1521	1.2271	37.2540	7.0499	1.22589
6400	4.6602	-0.1517	1.2349	37.4615	7.1451	1.23371
6500	4.6733	-0.1714	1.2433	37.6790	7.2512	1.24219
6600	4.6869	-0.1812	1.2525	37.9080	7.3686	1.25139
6700	4.7010	-0.1911	1.2624	38.1483	7.4974	1.26132
6800	4.7156	-0.2013	1.2732	38.4027	7.6392	1.27211

LOG P= 1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6900	4.7306	-0.2116	1.2849	38.6693	7.7935	1.28378
7000	4.7461	-0.2221	1.2975	38.9514	7.9621	1.29645
7100	4.7621	-0.2328	1.3111	39.2467	8.1436	1.31008
7200	4.7785	-0.2437	1.3258	39.5574	8.3391	1.32475
7300	4.7952	-0.2548	1.3415	39.8824	8.5476	1.34046
7400	4.8123	-0.2661	1.3583	40.2240	8.7711	1.35732
7500	4.8296	-0.2776	1.3762	40.5794	9.0071	1.37522
7600	4.8472	-0.2893	1.3952	40.9495	9.2562	1.39424
7700	4.8649	-0.3012	1.4152	41.3318	9.5160	1.41426
7800	4.8828	-0.3132	1.4362	41.7277	9.7872	1.43530
7900	4.9006	-0.3253	1.4583	42.1353	10.0683	1.45733
8000	4.9184	-0.3376	1.4812	42.5532	10.3580	1.48026
8100	4.9359	-0.3498	1.5048	42.9783	10.6526	1.50387
8200	4.9533	-0.3621	1.5290	43.4099	10.9518	1.52815
8300	4.9703	-0.3743	1.5537	43.8442	11.2514	1.55281
8400	4.9869	-0.3864	1.5787	44.2803	11.5512	1.57785
8500	5.0031	-0.3985	1.6039	44.7160	11.8484	1.60305
8600	5.0187	-0.4103	1.6290	45.1469	12.1389	1.62814
8700	5.0336	-0.4218	1.6537	45.5698	12.4196	1.65289
8800	5.0480	-0.4332	1.6781	45.9845	12.6910	1.67729
8900	5.0617	-0.4442	1.7019	46.3888	12.9504	1.70115
9000	5.0746	-0.4549	1.7249	46.7790	13.1946	1.72418
9100	5.0869	-0.4652	1.7471	47.1553	13.4238	1.74639
9200	5.0985	-0.4752	1.7682	47.5146	13.6353	1.76753
9300	5.1093	-0.4848	1.7882	47.8562	13.8284	1.78753
9400	5.1194	-0.4940	1.8071	48.1815	14.0049	1.80648
9500	5.1289	-0.5028	1.8249	48.4902	14.1646	1.82431
9600	5.1378	-0.5113	1.8415	48.7811	14.3065	1.84093
9700	5.1461	-0.5194	1.8569	49.0546	14.4311	1.85634
9800	5.1538	-0.5272	1.8712	49.3129	14.5409	1.87071
9900	5.1610	-0.5347	1.8844	49.5558	14.6356	1.88396
10000	5.1678	-0.5418	1.8966	49.7841	14.7165	1.89618
10100	5.1742	-0.5487	1.9079	50.0002	14.7857	1.90751
10200	5.1801	-0.5554	1.9182	50.2041	14.8437	1.91796
10300	5.1858	-0.5618	1.9279	50.3978	14.8921	1.92765
10400	5.1911	-0.5680	1.9367	50.5816	14.9318	1.93661
10500	5.1962	-0.5740	1.9450	50.7565	14.9638	1.94490
10600	5.2011	-0.5798	1.9526	50.9245	14.9898	1.95266
10700	5.2058	-0.5854	1.9598	51.0855	15.0099	1.95990
10800	5.2103	-0.5910	1.9665	51.2408	15.0254	1.96669
10900	5.2146	-0.5964	1.9728	51.3915	15.0375	1.97314
11000	5.2188	-0.6017	1.9788	51.5378	15.0465	1.97926
11100	5.2230	-0.6068	1.9845	51.6807	15.0533	1.98510
11200	5.2270	-0.6119	1.9900	51.8209	15.0584	1.99074
11300	5.2310	-0.6169	1.9953	51.9585	15.0621	1.99617
11400	5.2349	-0.6219	2.0005	52.0945	15.0656	2.00149
11500	5.2388	-0.6268	2.0055	52.2296	15.0690	2.00672
11600	5.2426	-0.6316	2.0105	52.3635	15.0724	2.01188
11700	5.2465	-0.6364	2.0154	52.4971	15.0766	2.01700
11800	5.2503	-0.6412	2.0203	52.6305	15.0817	2.02213
11900	5.2542	-0.6459	2.0252	52.7643	15.0883	2.02728
12000	5.2580	-0.6506	2.0302	52.8984	15.0960	2.03247
12100	5.2619	-0.6552	2.0352	53.0334	15.1058	2.03773
12200	5.2658	-0.6599	2.0403	53.1695	15.1174	2.04308
12300	5.2698	-0.6645	2.0454	53.3068	15.1314	2.04855

LOG P= 1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12400	5.2738	-0.6692	2.0507	53.4455	15.1475	2.05414
12500	5.2778	-0.6738	2.0561	53.5859	15.1661	2.05987
12600	5.2819	-0.6784	2.0616	53.7281	15.1874	2.06577
12700	5.2860	-0.6831	2.0673	53.8724	15.2115	2.07185
12800	5.2902	-0.6877	2.0732	54.0187	15.2385	2.07810
12900	5.2944	-0.6924	2.0793	54.1674	15.2685	2.08457
13000	5.2987	-0.6970	2.0855	54.3185	15.3016	2.09125
13100	5.3030	-0.7017	2.0919	54.4720	15.3377	2.09816
13200	5.3075	-0.7064	2.0986	54.6283	15.3772	2.10530
13300	5.3119	-0.7111	2.1055	54.7873	15.4200	2.11270
13400	5.3165	-0.7158	2.1126	54.9492	15.4662	2.12034
13500	5.3211	-0.7205	2.1199	55.1140	15.5158	2.12827
13600	5.3258	-0.7253	2.1275	55.2819	15.5690	2.13647
13700	5.3306	-0.7301	2.1354	55.4528	15.6257	2.14496
13800	5.3354	-0.7349	2.1435	55.6269	15.6859	2.15373
13900	5.3403	-0.7397	2.1519	55.8042	15.7498	2.16281
14000	5.3453	-0.7446	2.1606	55.9867	15.8191	2.17220
14100	5.3503	-0.7494	2.1696	56.1689	15.8885	2.18191
14200	5.3554	-0.7544	2.1788	56.3564	15.9634	2.19195
14300	5.3606	-0.7593	2.1884	56.5473	16.0420	2.20231
14400	5.3658	-0.7643	2.1983	56.7418	16.1243	2.21301
14500	5.3712	-0.7693	2.2084	56.9397	16.2104	2.22405
14600	5.3765	-0.7743	2.2189	57.1410	16.3000	2.23541
14700	5.3820	-0.7794	2.2297	57.3460	16.3935	2.24715
14800	5.3875	-0.7845	2.2409	57.5548	16.4906	2.25924
14900	5.3931	-0.7897	2.2523	57.7668	16.5913	2.27168
15000	5.3987	-0.7949	2.2641	57.9824	16.6956	2.28447

LOG P= 1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8156	1.5615	0.9417	19.1191	3.2704	1.00000
300	3.0121	1.3618	0.9943	20.6418	3.4275	1.00000
400	3.1424	1.2318	1.0059	21.6757	3.4700	1.00000
500	3.2431	1.1336	1.0090	22.4763	3.5007	1.00000
600	3.3252	1.0541	1.0097	23.1399	3.5245	1.00000
700	3.3958	0.9871	1.0097	23.7154	3.5540	1.00000
800	3.4575	0.9292	1.0094	24.2197	3.5847	1.00000
900	3.5126	0.8782	1.0091	24.6808	3.6172	1.00000
1000	3.5624	0.8327	1.0086	25.1024	3.6511	1.00000
1100	3.6078	0.7915	1.0081	25.4934	3.6847	1.00000
1200	3.6495	0.7539	1.0076	25.8441	3.7180	1.00000
1300	3.6881	0.7194	1.0072	26.1646	3.7511	1.00000
1400	3.7240	0.6874	1.0068	26.4750	3.7834	1.00000
1500	3.7576	0.6576	1.0063	26.7798	3.8149	0.99998
1600	3.7893	0.6297	1.0060	27.0589	3.8471	0.99998
1700	3.8193	0.6035	1.0057	27.3248	3.8804	0.99997
1800	3.8475	0.5788	1.0054	27.5789	3.9101	0.99997
1900	3.8745	0.5554	1.0051	27.8228	3.9418	0.99998
2000	3.9002	0.5333	1.0049	28.0576	3.9739	0.99999
2100	3.9249	0.5122	1.0047	28.2843	4.0056	1.00002
2200	3.9487	0.4920	1.0045	28.5038	4.0386	1.00007
2300	3.9715	0.4728	1.0044	28.7171	4.0712	1.00016
2400	3.9936	0.4543	1.0044	28.9253	4.1053	1.00033
2500	4.0151	0.4365	1.0045	29.1297	4.1417	1.00058

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2600	4.0361	0.4194	1.0048	29.3308	4.1797	1.00095
2700	4.0566	0.4028	1.0052	29.5298	4.2196	1.00150
2800	4.0770	0.3867	1.0058	29.7278	4.2638	1.00227
2900	4.0970	0.3711	1.0067	29.9259	4.3116	1.00333
3000	4.1173	0.3558	1.0080	30.1281	4.3665	1.00473
3100	4.1373	0.3408	1.0097	30.3304	4.4250	1.00654
3200	4.1573	0.3261	1.0119	30.5366	4.4894	1.00885
3300	4.1775	0.3116	1.0147	30.7471	4.5606	1.01171
3400	4.1979	0.2971	1.0181	30.9625	4.6392	1.01519
3500	4.2183	0.2828	1.0222	31.1827	4.7233	1.01935
3600	4.2389	0.2685	1.0270	31.4091	4.8155	1.02425
3700	4.2597	0.2543	1.0326	31.6418	4.9146	1.02988
3800	4.2806	0.2401	1.0389	31.8801	5.0210	1.03627
3900	4.3013	0.2259	1.0459	32.1228	5.1317	1.04338
4000	4.3218	0.2117	1.0536	32.3680	5.2452	1.05115
4100	4.3420	0.1976	1.0619	32.6147	5.3610	1.05951
4200	4.3618	0.1835	1.0706	32.8611	5.4768	1.06833
4300	4.3810	0.1696	1.0797	33.1053	5.5913	1.07746
4400	4.3994	0.1560	1.0890	33.3458	5.7015	1.08676
4500	4.4172	0.1425	1.0982	33.5812	5.8080	1.09609
4600	4.4341	0.1294	1.1073	33.8086	5.9065	1.10527
4700	4.4500	0.1166	1.1162	34.0270	5.9967	1.11419
4800	4.4651	0.1042	1.1246	34.2363	6.0789	1.12274
4900	4.4793	0.0921	1.1327	34.4364	6.1532	1.13087
5000	4.4933	0.0805	1.1402	34.6355	6.2274	1.13826
5100	4.5060	0.0692	1.1473	34.8195	6.2871	1.15099
5200	4.5182	0.0582	1.1540	34.9959	6.3411	1.15733
5300	4.5298	0.0475	1.1604	35.1664	6.3908	1.15860
5400	4.5411	0.0372	1.1664	35.3331	6.4375	1.16468
5500	4.5521	0.0271	1.1722	35.4965	6.4827	1.17049
5600	4.5630	0.0171	1.1779	35.6592	6.5281	1.17620
5700	4.5738	0.0074	1.1835	35.8221	6.5747	1.18180
5800	4.5845	-0.0022	1.1890	35.9856	6.6237	1.18741
5900	4.5954	-0.0117	1.1947	36.1520	6.6763	1.19312
6000	4.6064	-0.0212	1.2006	36.3221	6.7334	1.19900
6100	4.6177	-0.0308	1.2067	36.4984	6.7971	1.20514
6200	4.6291	-0.0402	1.2131	36.6789	6.8668	1.21159
6300	4.6410	-0.0495	1.2200	36.8666	6.9442	1.21847
6400	4.6531	-0.0590	1.2272	37.0626	7.0296	1.22578
6500	4.6657	-0.0685	1.2351	37.2671	7.1246	1.23365
6600	4.6787	-0.0781	1.2436	37.4815	7.2296	1.24214
6700	4.6920	-0.0878	1.2527	37.7059	7.3446	1.25128
6800	4.7059	-0.0976	1.2625	37.9429	7.4714	1.26118
6900	4.7202	-0.1076	1.2732	38.1906	7.6093	1.27185
7000	4.7350	-0.1178	1.2847	38.4523	7.7602	1.28342
7100	4.7501	-0.1281	1.2972	38.7258	7.9230	1.29586
7200	4.7657	-0.1386	1.3105	39.0135	8.0986	1.30923
7300	4.7817	-0.1493	1.3248	39.3142	8.2864	1.32357
7400	4.7980	-0.1603	1.3402	39.6305	8.4882	1.33897
7500	4.8147	-0.1714	1.3566	39.9598	8.7020	1.35533
7600	4.8316	-0.1827	1.3740	40.3031	8.9285	1.37278
7700	4.8487	-0.1941	1.3924	40.6585	9.1659	1.39118
7800	4.8659	-0.2057	1.4118	41.0274	9.4148	1.41060
7900	4.8833	-0.2175	1.4322	41.4086	9.6745	1.43102
8000	4.9006	-0.2294	1.4535	41.8010	9.9436	1.45238

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8100	4.9179	-0.2413	1.4756	42.2020	10.2193	1.47450
8200	4.9351	-0.2533	1.4985	42.6112	10.5016	1.49739
8300	4.9520	-0.2653	1.5219	43.0255	10.7868	1.52081
8400	4.9686	-0.2773	1.5459	43.4444	11.0748	1.54478
8500	4.9849	-0.2892	1.5702	43.8659	11.3635	1.56912
8600	5.0008	-0.3010	1.5946	44.2860	11.6488	1.59357
8700	5.0161	-0.3126	1.6190	44.7017	11.9281	1.61793
8800	5.0309	-0.3240	1.6432	45.1128	12.2015	1.64219
8900	5.0451	-0.3352	1.6672	45.5174	12.4669	1.66618
9000	5.0587	-0.3461	1.6906	45.9115	12.7201	1.68960
9100	5.0717	-0.3568	1.7134	46.2949	12.9618	1.71245
9200	5.0840	-0.3670	1.7354	46.6643	13.1884	1.73445
9300	5.0955	-0.3770	1.7564	47.0185	13.3988	1.75549
9400	5.1065	-0.3865	1.7765	47.3584	13.5943	1.77563
9500	5.1168	-0.3958	1.7956	47.6832	13.7744	1.79479
9600	5.1265	-0.4047	1.8136	47.9913	13.9374	1.81282
9700	5.1355	-0.4132	1.8305	48.2823	14.0832	1.82969
9800	5.1440	-0.4214	1.8463	48.5583	14.2143	1.84554
9900	5.1519	-0.4292	1.8609	48.8186	14.3296	1.86026
10000	5.1593	-0.4367	1.8745	49.0638	14.4303	1.87391
10100	5.1662	-0.4440	1.8872	49.2961	14.5186	1.88663
10200	5.1728	-0.4510	1.8989	49.5151	14.5941	1.89840
10300	5.1790	-0.4577	1.9098	49.7230	14.6593	1.90935
10400	5.1848	-0.4642	1.9198	49.9198	14.7143	1.91947
10500	5.1903	-0.4704	1.9291	50.1065	14.7599	1.92884
10600	5.1955	-0.4765	1.9378	50.2849	14.7984	1.93759
10700	5.2005	-0.4823	1.9458	50.4552	14.8295	1.94572
10800	5.2053	-0.4881	1.9533	50.6186	14.8548	1.95331
10900	5.2099	-0.4936	1.9604	50.7762	14.8753	1.96047
11000	5.2143	-0.4991	1.9670	50.9283	14.8916	1.96722
11100	5.2186	-0.5044	1.9733	51.0759	14.9043	1.97359
11200	5.2228	-0.5096	1.9792	51.2198	14.9145	1.97970
11300	5.2269	-0.5147	1.9849	51.3600	14.9220	1.98551
11400	5.2309	-0.5197	1.9904	51.4978	14.9285	1.99113
11500	5.2349	-0.5246	1.9957	51.6339	14.9340	1.99661
11600	5.2388	-0.5295	2.0008	51.7678	14.9385	2.00194
11700	5.2426	-0.5343	2.0059	51.9008	14.9433	2.00718
11800	5.2465	-0.5391	2.0108	52.0328	14.9481	2.01236
11900	5.2503	-0.5438	2.0158	52.1646	14.9537	2.01752
12000	5.2541	-0.5485	2.0207	52.2959	14.9599	2.02265
12100	5.2579	-0.5532	2.0256	52.4275	14.9673	2.02781
12200	5.2618	-0.5578	2.0305	52.5596	14.9762	2.03302
12300	5.2656	-0.5624	2.0355	52.6924	14.9867	2.03829
12400	5.2695	-0.5670	2.0405	52.8259	14.9988	2.04363
12500	5.2734	-0.5716	2.0457	52.9608	15.0130	2.04909
12600	5.2773	-0.5762	2.0509	53.0968	15.0295	2.05456
12700	5.2813	-0.5807	2.0562	53.2344	15.0481	2.06037
12800	5.2853	-0.5853	2.0617	53.3736	15.0693	2.06621
12900	5.2894	-0.5899	2.0673	53.5146	15.0930	2.07224
13000	5.2935	-0.5944	2.0731	53.6576	15.1194	2.07843
13100	5.2976	-0.5990	2.0790	53.8027	15.1483	2.08481
13200	5.3019	-0.6036	2.0851	53.9499	15.1803	2.09139
13300	5.3061	-0.6082	2.0914	54.0994	15.2151	2.09819
13400	5.3105	-0.6128	2.0979	54.2514	15.2530	2.10521
13500	5.3149	-0.6174	2.1046	54.4059	15.2939	2.11246

LOG P= 1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13600	5.3193	-0.5220	2.1115	54.5631	15.3380	2.11996
13700	5.3238	-0.6266	2.1187	54.7229	15.3854	2.12771
13800	5.3284	-0.6313	2.1261	54.8854	15.4358	2.13571
13900	5.3331	-0.6360	2.1337	55.0508	15.4896	2.14399
14000	5.3378	-0.6407	2.1415	55.2206	15.5483	2.15252
14100	5.3425	-0.6454	2.1496	55.3903	15.6071	2.16136
14200	5.3474	-0.6502	2.1580	55.5646	15.6709	2.17048
14300	5.3523	-0.6550	2.1666	55.7419	15.7381	2.17989
14400	5.3573	-0.6598	2.1756	55.9225	15.8087	2.18961
14500	5.3623	-0.6646	2.1847	56.1062	15.8827	2.19964
14600	5.3674	-0.6695	2.1942	56.2928	15.9600	2.20996
14700	5.3725	-0.6744	2.2040	56.4829	16.0409	2.22062
14800	5.3778	-0.6793	2.2140	56.6762	16.1251	2.23160
14900	5.3830	-0.6842	2.2243	56.8726	16.2126	2.24290
15000	5.3884	-0.6892	2.2350	57.0723	16.3036	2.25452

LOG P= 1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8080	1.6682	0.9271	18.8460	3.2136	1.00000
300	3.0103	1.4622	0.9933	20.3985	3.4131	1.00000
400	3.1416	1.3311	1.0076	21.4377	3.4639	1.00000
500	3.2429	1.2325	1.0115	22.2419	3.4989	1.00000
600	3.3252	1.1529	1.0123	22.9068	3.5241	1.00000
700	3.3959	1.0860	1.0122	23.4830	3.5544	1.00000
800	3.4576	1.0282	1.0119	23.9877	3.5853	1.00000
900	3.5127	0.9772	1.0114	24.4492	3.6182	1.00000
1000	3.5626	0.9317	1.0108	24.8713	3.6524	1.00000
1100	3.6080	0.8906	1.0102	25.2625	3.6861	1.00000
1200	3.6497	0.8531	1.0096	25.6132	3.7194	1.00000
1300	3.6883	0.8186	1.0090	25.9340	3.7525	1.00000
1400	3.7242	0.7866	1.0085	26.2444	3.7848	1.00000
1500	3.7577	0.7569	1.0080	26.5494	3.8164	0.99998
1600	3.7894	0.7290	1.0075	26.8285	3.8485	0.99997
1700	3.8195	0.7029	1.0071	27.0944	3.8818	0.99997
1800	3.8476	0.6782	1.0068	27.3486	3.9114	0.99997
1900	3.8746	0.6549	1.0065	27.5924	3.9430	0.99997
2000	3.9004	0.6327	1.0062	27.8272	3.9750	0.99999
2100	3.9250	0.6116	1.0059	28.0538	4.0066	1.00001
2200	3.9487	0.5915	1.0057	28.2731	4.0394	1.00005
2300	3.9715	0.5723	1.0055	28.4862	4.0717	1.00014
2400	3.9936	0.5538	1.0055	28.6939	4.1053	1.00028
2500	4.0151	0.5361	1.0055	28.8976	4.1410	1.00050
2600	4.0360	0.5190	1.0056	29.0978	4.1781	1.00084
2700	4.0563	0.5025	1.0059	29.2954	4.2168	1.00133
2800	4.0765	0.4865	1.0064	29.4915	4.2592	1.00201
2900	4.0963	0.4709	1.0072	29.6873	4.3048	1.00295
3000	4.1163	0.4557	1.0083	29.8864	4.3569	1.00420
3100	4.1360	0.4408	1.0098	30.0849	4.4120	1.00582
3200	4.1557	0.4262	1.0118	30.2865	4.4722	1.00789
3300	4.1754	0.4118	1.0142	30.4916	4.5387	1.01045
3400	4.1953	0.3975	1.0172	30.7008	4.6117	1.01358
3500	4.2152	0.3834	1.0208	30.9136	4.6893	1.01731
3600	4.2352	0.3693	1.0252	31.1319	4.7746	1.02173
3700	4.2554	0.3553	1.0302	31.3561	4.8664	1.02683

LOG P= 1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3800	4.2757	0.3413	1.0359	31.5856	4.9653	1.03263
3900	4.2960	0.3274	1.0423	31.8192	5.0686	1.03913
4000	4.3159	0.3134	1.0493	32.0553	5.1745	1.04627
4100	4.3357	0.2996	1.0570	32.2931	5.2833	1.05402
4200	4.3551	0.2857	1.0651	32.5315	5.3930	1.06224
4300	4.3740	0.2721	1.0737	32.7688	5.5025	1.07084
4400	4.3924	0.2585	1.0825	33.0037	5.6094	1.07970
4500	4.4102	0.2452	1.0914	33.2354	5.7144	1.08869
4600	4.4271	0.2322	1.1002	33.4607	5.8127	1.09764
4700	4.4432	0.2194	1.1089	33.6778	5.9037	1.10643
4800	4.4585	0.2070	1.1173	33.8867	5.9874	1.11497
4900	4.4730	0.1949	1.1254	34.0875	6.0642	1.12317
5000	4.4873	0.1832	1.1331	34.2884	6.1419	1.13071
5100	4.5003	0.1718	1.1404	34.4741	6.2052	1.14219
5200	4.5127	0.1607	1.1473	34.6520	6.2621	1.15052
5300	4.5246	0.1500	1.1538	34.8233	6.3140	1.15166
5400	4.5360	0.1395	1.1601	34.9901	6.3623	1.15794
5500	4.5471	0.1293	1.1661	35.1528	6.4081	1.16393
5600	4.5580	0.1193	1.1720	35.3141	6.4536	1.16976
5700	4.5688	0.1095	1.1776	35.4757	6.5002	1.17544
5800	4.5796	0.0999	1.1833	35.6375	6.5488	1.18108
5900	4.5904	0.0904	1.1889	35.8016	6.6005	1.18674
6000	4.6014	0.0811	1.1945	35.9686	6.6559	1.19250
6100	4.6121	0.0715	1.2004	36.1352	6.7109	1.19846
6200	4.6233	0.0622	1.2066	36.3081	6.7745	1.20465
6300	4.6347	0.0529	1.2131	36.4871	6.8448	1.21118
6400	4.6464	0.0436	1.2199	36.6730	6.9218	1.21807
6500	4.6585	0.0343	1.2272	36.8661	7.0071	1.22542
6600	4.6709	0.0249	1.2351	37.0678	7.1011	1.23331
6700	4.6837	0.0154	1.2435	37.2781	7.2041	1.24176
6800	4.6969	0.0058	1.2526	37.4994	7.3175	1.25087
6900	4.7105	-0.0039	1.2624	37.7303	7.4409	1.26066
7000	4.7245	-0.0138	1.2729	37.9736	7.5759	1.27125
7100	4.7390	-0.0238	1.2843	38.2274	7.7219	1.28262
7200	4.7538	-0.0340	1.2965	38.4941	7.8793	1.29483
7300	4.7690	-0.0443	1.3095	38.7727	8.0481	1.30792
7400	4.7846	-0.0548	1.3236	39.0656	8.2300	1.32198
7500	4.8005	-0.0655	1.3385	39.3706	8.4230	1.33694
7600	4.8167	-0.0764	1.3544	39.6888	8.6284	1.35290
7700	4.8332	-0.0875	1.3713	40.0187	8.8443	1.36978
7800	4.8498	-0.0987	1.3891	40.3617	9.0716	1.38764
7900	4.8666	-0.1101	1.4080	40.7170	9.3097	1.40648
8000	4.8835	-0.1216	1.4277	41.0836	9.5579	1.42626
8100	4.9003	-0.1332	1.4483	41.4599	9.8138	1.44685
8200	4.9172	-0.1449	1.4697	41.8453	10.0775	1.46824
8300	4.9338	-0.1566	1.4917	42.2377	10.3459	1.49029
8400	4.9504	-0.1684	1.5144	42.6364	10.6193	1.51299
8500	4.9667	-0.1801	1.5376	43.0403	10.8959	1.53624
8600	4.9826	-0.1918	1.5611	43.4456	11.1719	1.55977
8700	4.9981	-0.2033	1.5847	43.8497	11.4452	1.58343
8800	5.0133	-0.2148	1.6085	44.2526	11.7160	1.60722
8900	5.0279	-0.2260	1.6323	44.6525	11.9820	1.63098
9000	5.0420	-0.2371	1.6557	45.0451	12.2391	1.65442
9100	5.0555	-0.2479	1.6787	45.4306	12.4879	1.67752
9200	5.0684	-0.2584	1.7012	45.8050	12.7247	1.70001

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9300	5.0807	-0.2686	1.7229	46.1672	12.9479	1.72175
9400	5.0923	-0.2785	1.7439	46.5174	13.1587	1.74278
9500	5.1034	-0.2881	1.7641	46.8550	13.3559	1.76302
9600	5.1138	-0.2974	1.7833	47.1773	13.5375	1.78224
9700	5.1236	-0.3063	1.8014	47.4839	13.7030	1.80042
9800	5.1328	-0.3148	1.8186	47.7764	13.8543	1.81765
9900	5.1415	-0.3231	1.8347	48.0535	13.9900	1.83390
10000	5.1496	-0.3310	1.8498	48.3155	14.1108	1.84888
10100	5.1572	-0.3386	1.8639	48.5644	14.2187	1.86302
10200	5.1643	-0.3459	1.8770	48.7994	14.3132	1.87618
10300	5.1711	-0.3530	1.8892	49.0227	14.3964	1.88848
10400	5.1774	-0.3598	1.9005	49.2338	14.4681	1.89988
10500	5.1834	-0.3663	1.9110	49.4337	14.5293	1.91044
10600	5.1891	-0.3726	1.9208	49.6244	14.5819	1.92032
10700	5.1945	-0.3788	1.9299	49.8059	14.6263	1.92949
10800	5.1997	-0.3847	1.9383	49.9791	14.6631	1.93802
10900	5.2046	-0.3905	1.9462	50.1454	14.6943	1.94604
11000	5.2093	-0.3961	1.9536	50.3052	14.7197	1.95356
11100	5.2139	-0.4016	1.9606	50.4592	14.7404	1.96062
11200	5.2182	-0.4069	1.9671	50.6086	14.7575	1.96734
11300	5.2225	-0.4121	1.9733	50.7531	14.7707	1.97366
11400	5.2266	-0.4173	1.9792	50.8945	14.7820	1.97973
11500	5.2307	-0.4223	1.9850	51.0331	14.7913	1.98559
11600	5.2347	-0.4273	1.9904	51.1687	14.7989	1.99122
11700	5.2386	-0.4321	1.9957	51.3026	14.8059	1.99671
11800	5.2425	-0.4370	2.0009	51.4348	14.8120	2.00207
11900	5.2463	-0.4417	2.0059	51.5659	14.8180	2.00734
12000	5.2501	-0.4464	2.0109	51.6959	14.8241	2.01254
12100	5.2540	-0.4511	2.0158	51.8256	14.8308	2.01771
12200	5.2577	-0.4557	2.0207	51.9550	14.8381	2.02287
12300	5.2615	-0.4603	2.0256	52.0847	14.8466	2.02806
12400	5.2653	-0.4649	2.0305	52.2145	14.8561	2.03326
12500	5.2691	-0.4694	2.0355	52.3450	14.8672	2.03854
12600	5.2730	-0.4740	2.0405	52.4762	14.8799	2.04388
12700	5.2768	-0.4785	2.0456	52.6084	14.8945	2.04931
12800	5.2807	-0.4830	2.0508	52.7417	14.9110	2.05485
12900	5.2846	-0.4875	2.0560	52.8765	14.9297	2.06053
13000	5.2886	-0.4920	2.0614	53.0127	14.9504	2.06633
13100	5.2926	-0.4965	2.0670	53.1504	14.9736	2.07229
13200	5.2966	-0.5010	2.0726	53.2900	14.9991	2.07841
13300	5.3007	-0.5054	2.0784	53.4314	15.0273	2.08470
13400	5.3049	-0.5099	2.0844	53.5749	15.0580	2.09119
13500	5.3091	-0.5145	2.0906	53.7204	15.0915	2.09787
13600	5.3133	-0.5190	2.0969	53.8682	15.1278	2.10476
13700	5.3176	-0.5235	2.1034	54.0182	15.1668	2.11187
13800	5.3220	-0.5280	2.1101	54.1706	15.2087	2.11920
13900	5.3264	-0.5326	2.1171	54.3253	15.2536	2.12577
14000	5.3309	-0.5372	2.1242	54.4841	15.3029	2.13456
14100	5.3354	-0.5418	2.1316	54.6426	15.3523	2.14263
14200	5.3400	-0.5464	2.1391	54.8053	15.4062	2.15094
14300	5.3446	-0.5510	2.1470	54.9705	15.4630	2.15952
14400	5.3493	-0.5557	2.1550	55.1387	15.5233	2.16837
14500	5.3541	-0.5604	2.1633	55.3096	15.5865	2.17749
14600	5.3589	-0.5650	2.1719	55.4831	15.6527	2.18688
14700	5.3638	-0.5598	2.1807	55.6597	15.7223	2.19658

LOG P= 1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14800	5.3689	-0.5745	2.1898	55.8393	15.7950	2.20656
14900	5.3738	-0.5793	2.1991	56.0216	15.8706	2.21684
15000	5.3788	-0.5841	2.2087	56.2069	15.9495	2.22740

LOG P= 1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.7980	1.7766	0.9093	18.5601	3.1401	1.00000
300	3.0080	1.5626	0.9923	20.1523	3.3955	1.00000
400	3.1407	1.4301	1.0098	21.1978	3.4562	1.00000
500	3.2426	1.3312	1.0146	22.0065	3.4967	1.00000
600	3.3251	1.2515	1.0156	22.6729	3.5237	1.00000
700	3.3959	1.1846	1.0155	23.2502	3.5550	1.00000
800	3.4577	1.1269	1.0150	23.7552	3.5862	1.00000
900	3.5129	1.0760	1.0144	24.2173	3.6195	1.00000
1000	3.5628	1.0305	1.0136	24.6399	3.6541	1.00000
1100	3.6082	0.9895	1.0128	25.0313	3.6879	1.00000
1200	3.6499	0.9520	1.0121	25.3823	3.7213	1.00000
1300	3.6885	0.9176	1.0113	25.7032	3.7543	1.00000
1400	3.7244	0.8857	1.0107	26.0138	3.7867	1.00000
1500	3.7579	0.8560	1.0101	26.3188	3.8182	0.99998
1600	3.7896	0.8282	1.0095	26.5981	3.8503	0.99997
1700	3.8197	0.8021	1.0090	26.8640	3.8835	0.99997
1800	3.8478	0.7774	1.0086	27.1182	3.9130	0.99996
1900	3.8748	0.7541	1.0081	27.3620	3.9446	0.99996
2000	3.9005	0.7320	1.0077	27.5968	3.9764	0.99998
2100	3.9251	0.7110	1.0074	27.8234	4.0079	0.99999
2200	3.9489	0.6909	1.0071	28.0425	4.0405	1.00003
2300	3.9716	0.6717	1.0069	28.2553	4.0725	1.00011
2400	3.9936	0.6533	1.0068	28.4626	4.1056	1.00024
2500	4.0150	0.6356	1.0067	28.6657	4.1408	1.00043
2600	4.0359	0.6185	1.0067	28.8651	4.1771	1.00073
2700	4.0561	0.6020	1.0070	29.0615	4.2146	1.00117
2800	4.0761	0.5861	1.0074	29.2559	4.2555	1.00178
2900	4.0958	0.5706	1.0080	29.4495	4.2990	1.00261
3000	4.1155	0.5554	1.0089	29.6459	4.3487	1.00373
3100	4.1349	0.5406	1.0102	29.8410	4.4006	1.00518
3200	4.1542	0.5261	1.0119	30.0385	4.4572	1.00702
3300	4.1736	0.5118	1.0140	30.2388	4.5194	1.00931
3400	4.1930	0.4977	1.0167	30.4422	4.5874	1.01212
3500	4.2124	0.4838	1.0199	30.6485	4.6592	1.01548
3600	4.2319	0.4699	1.0238	30.8593	4.7379	1.01945
3700	4.2515	0.4561	1.0283	31.0757	4.8229	1.02406
3800	4.2713	0.4423	1.0334	31.2969	4.9149	1.02932
3900	4.2910	0.4286	1.0392	31.5220	5.0110	1.03524
4000	4.3104	0.4150	1.0456	31.7492	5.1096	1.04178
4100	4.3297	0.4013	1.0527	31.9783	5.2114	1.04891
4200	4.3487	0.3878	1.0602	32.2086	5.3148	1.05655
4300	4.3674	0.3743	1.0682	32.4387	5.4191	1.06461
4400	4.3855	0.3609	1.0765	32.6676	5.5219	1.07298
4500	4.4033	0.3478	1.0850	32.8948	5.6242	1.08156
4600	4.4203	0.3348	1.0935	33.1167	5.7213	1.09020
4700	4.4364	0.3222	1.1019	33.3315	5.8119	1.09878
4800	4.4518	0.3098	1.1102	33.5392	5.8963	1.10722
4900	4.4665	0.2977	1.1183	33.7397	5.9747	1.11540

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5000	4.4811	0.2859	1.1261	33.9414	6.0549	1.12301
5100	4.4944	0.2744	1.1334	34.1284	6.1212	1.09032
5200	4.5071	0.2633	1.1405	34.3074	6.1809	1.10219
5300	4.5191	0.2525	1.1472	34.4794	6.2351	1.14443
5400	4.5307	0.2420	1.1536	34.6465	6.2850	1.15090
5500	4.5419	0.2317	1.1598	34.8086	6.3317	1.15706
5600	4.5528	0.2216	1.1658	34.9690	6.3776	1.16303
5700	4.5637	0.2117	1.1717	35.1298	6.4247	1.16881
5800	4.5746	0.2021	1.1774	35.2909	6.4739	1.17451
5900	4.5855	0.1926	1.1829	35.4542	6.5262	1.18017
6000	4.5965	0.1833	1.1884	35.6202	6.5818	1.18587
6100	4.6067	0.1738	1.1942	35.7762	6.6276	1.19170
6200	4.6176	0.1545	1.2001	35.9428	6.6863	1.19769
6300	4.6287	0.1553	1.2063	36.1143	6.7505	1.20395
6400	4.6400	0.1462	1.2128	36.2915	6.8204	1.21049
6500	4.6516	0.1370	1.2197	36.4747	6.8974	1.21742
6600	4.6635	0.1277	1.2270	36.6651	6.9820	1.22481
6700	4.6758	0.1184	1.2349	36.8630	7.0744	1.23266
6800	4.6884	0.1091	1.2432	37.0705	7.1759	1.24109
6900	4.7014	0.0996	1.2522	37.2862	7.2864	1.25011
7000	4.7148	0.0900	1.2619	37.5131	7.4072	1.25983
7100	4.7285	0.0803	1.2723	37.7492	7.5379	1.27025
7200	4.7426	0.0704	1.2835	37.9968	7.6790	1.28141
7300	4.7571	0.0604	1.2954	38.2553	7.8307	1.29338
7400	4.7720	0.0502	1.3082	38.5268	7.9942	1.30622
7500	4.7872	0.0399	1.3218	38.8094	8.1681	1.31988
7600	4.8027	0.0294	1.3364	39.1043	8.3536	1.33447
7700	4.8184	0.0187	1.3518	39.4102	8.5492	1.34992
7800	4.8344	0.0079	1.3682	39.7286	8.7557	1.36630
7900	4.8505	-0.0031	1.3855	40.0588	8.9731	1.38362
8000	4.8669	-0.0142	1.4037	40.4005	9.2008	1.40186
8100	4.8833	-0.0255	1.4227	40.7522	9.4367	1.42092
8200	4.8997	-0.0368	1.4426	41.1136	9.6810	1.44082
8300	4.9161	-0.0482	1.4632	41.4830	9.9315	1.46143
8400	4.9324	-0.0597	1.4845	41.8602	10.1883	1.48277
8500	4.9485	-0.0712	1.5065	42.2444	10.4502	1.50475
8600	4.9644	-0.0827	1.5288	42.5320	10.7138	1.52717
8700	4.9800	-0.0941	1.5515	43.0210	10.9773	1.54988
8800	4.9953	-0.1055	1.5745	43.4113	11.2409	1.57289
8900	5.0102	-0.1167	1.5977	43.8016	11.5027	1.59609
9000	5.0246	-0.1278	1.6208	44.1880	11.7591	1.61918
9100	5.0386	-0.1387	1.6437	44.5703	12.0102	1.64218
9200	5.0520	-0.1494	1.6663	44.9449	12.2522	1.66480
9300	5.0648	-0.1598	1.6884	45.3103	12.4838	1.68689
9400	5.0771	-0.1700	1.7100	45.6666	12.7055	1.70849
9500	5.0889	-0.1799	1.7309	46.0128	12.9163	1.72950
9600	5.1000	-0.1894	1.7511	46.3460	13.1131	1.74966
9700	5.1105	-0.1987	1.7703	46.6652	13.2956	1.76893
9800	5.1204	-0.2076	1.7887	46.9717	13.4649	1.78735
9900	5.1298	-0.2162	1.8060	47.2638	13.6195	1.80478
10000	5.1386	-0.2245	1.8224	47.5413	13.7594	1.82120
10100	5.1469	-0.2325	1.8379	47.8062	13.8867	1.83672
10200	5.1547	-0.2402	1.8523	48.0570	14.0001	1.85124
10300	5.1621	-0.2476	1.8659	48.2958	14.1020	1.86491
10400	5.1691	-0.2547	1.8786	48.5219	14.1914	1.87763

LOG P= 1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10500	5.1756	-0.2616	1.8904	48.7360	14.2693	1.88948
10600	5.1818	-0.2682	1.9014	48.9402	14.3380	1.90058
10700	5.1877	-0.2746	1.9116	49.1341	14.3970	1.91090
10800	5.1932	-0.2808	1.9211	49.3188	14.4474	1.92051
10900	5.1985	-0.2869	1.9301	49.4956	14.4909	1.92954
11000	5.2036	-0.2927	1.9384	49.6647	14.5275	1.93797
11100	5.2084	-0.2984	1.9461	49.8270	14.5581	1.94586
11200	5.2131	-0.3039	1.9535	49.9837	14.5842	1.95333
11300	5.2176	-0.3093	1.9603	50.1345	14.6052	1.96032
11400	5.2219	-0.3145	1.9668	50.2810	14.6230	1.96699
11500	5.2262	-0.3197	1.9731	50.4240	14.6382	1.97338
11600	5.2303	-0.3248	1.9790	50.5629	14.6503	1.97943
11700	5.2343	-0.3297	1.9846	50.6993	14.6609	1.98530
11800	5.2383	-0.3346	1.9901	50.8331	14.6699	1.99096
11900	5.2422	-0.3394	1.9954	50.9653	14.6781	1.99649
12000	5.2461	-0.3442	2.0006	51.0954	14.6854	2.00186
12100	5.2499	-0.3489	2.0056	51.2246	14.6927	2.00716
12200	5.2537	-0.3535	2.0106	51.3528	14.7000	2.01239
12300	5.2575	-0.3582	2.0156	51.4808	14.7078	2.01760
12400	5.2612	-0.3627	2.0205	51.6081	14.7160	2.02277
12500	5.2650	-0.3673	2.0253	51.7356	14.7253	2.02797
12600	5.2687	-0.3718	2.0302	51.8634	14.7356	2.03319
12700	5.2725	-0.3763	2.0352	51.9915	14.7474	2.03845
12800	5.2763	-0.3807	2.0401	52.1203	14.7604	2.04379
12900	5.2801	-0.3852	2.0452	52.2500	14.7752	2.04920
13000	5.2840	-0.3896	2.0503	52.3807	14.7917	2.05473
13100	5.2878	-0.3940	2.0555	52.5125	14.8101	2.06036
13200	5.2917	-0.3985	2.0608	52.6456	14.8305	2.06611
13300	5.2957	-0.4029	2.0663	52.7802	14.8531	2.07200
13400	5.2996	-0.4073	2.0718	52.9164	14.8779	2.07805
13500	5.3037	-0.4117	2.0775	53.0542	14.9051	2.08425
13600	5.3077	-0.4162	2.0833	53.1940	14.9348	2.09064
13700	5.3118	-0.4206	2.0893	53.3354	14.9667	2.09721
13800	5.3160	-0.4250	2.0955	53.4790	15.0013	2.10396
13900	5.3202	-0.4295	2.1018	53.6246	15.0384	2.11092
14000	5.3245	-0.4339	2.1084	53.7737	15.0796	2.11808
14100	5.3288	-0.4384	2.1151	53.9223	15.1208	2.12547
14200	5.3332	-0.4429	2.1220	54.0746	15.1661	2.13307
14300	5.3376	-0.4474	2.1291	54.2291	15.2139	2.14092
14400	5.3421	-0.4519	2.1364	54.3862	15.2649	2.14900
14500	5.3466	-0.4564	2.1439	54.5458	15.3187	2.15732
14600	5.3512	-0.4610	2.1517	54.7076	15.3751	2.16589
14700	5.3558	-0.4656	2.1596	54.8722	15.4345	2.17472
14800	5.3605	-0.4701	2.1679	55.0393	15.4968	2.18382
14900	5.3652	-0.4748	2.1763	55.2090	15.5619	2.19318
15000	5.3700	-0.4794	2.1850	55.3813	15.6299	2.20280

LOG P= 1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.7845	1.8872	0.8875	18.2556	3.0444	1.00000
300	3.0052	1.6630	0.9914	19.9020	3.3736	1.00000
400	3.1395	1.5289	1.0127	20.9557	3.4469	1.00000
500	3.2423	1.4294	1.0186	21.7698	3.4941	1.00000
600	3.3251	1.3497	1.0199	22.4382	3.5233	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
700	3.3961	1.2829	1.0196	23.0169	3.5559	1.00000
800	3.4579	1.2252	1.0189	23.5224	3.5875	1.00000
900	3.5131	1.1744	1.0181	23.9849	3.6211	1.00000
1000	3.5630	1.1290	1.0172	24.4081	3.6561	1.00000
1100	3.6084	1.0881	1.0162	24.8000	3.6901	1.00000
1200	3.6501	1.0507	1.0152	25.1513	3.7236	1.00000
1300	3.6887	1.0163	1.0143	25.4724	3.7567	1.00000
1400	3.7246	0.9845	1.0135	25.7831	3.7890	1.00000
1500	3.7582	0.9548	1.0127	26.0882	3.8204	0.99997
1600	3.7899	0.9271	1.0120	26.3676	3.8525	0.99996
1700	3.8199	0.9011	1.0113	26.6335	3.8856	0.99997
1800	3.8480	0.8765	1.0108	26.8878	3.9151	0.99996
1900	3.8750	0.8532	1.0102	27.1316	3.9465	0.99996
2000	3.9007	0.8312	1.0098	27.3664	3.9783	0.99997
2100	3.9253	0.8102	1.0093	27.5929	4.0097	0.99998
2200	3.9490	0.7901	1.0090	27.8119	4.0421	1.00002
2300	3.9717	0.7709	1.0086	28.0245	4.0737	1.00008
2400	3.9937	0.7526	1.0084	28.2315	4.1065	1.00020
2500	4.0151	0.7349	1.0082	28.4341	4.1411	1.00037
2600	4.0358	0.7179	1.0082	28.6327	4.1767	1.00063
2700	4.0560	0.7015	1.0083	28.8280	4.2131	1.00102
2800	4.0758	0.6855	1.0086	29.0210	4.2526	1.00157
2900	4.0953	0.6701	1.0091	29.2126	4.2943	1.00231
3000	4.1148	0.6550	1.0099	29.4065	4.3417	1.00331
3100	4.1339	0.6403	1.0109	29.5986	4.3909	1.00460
3200	4.1529	0.6259	1.0124	29.7924	4.4442	1.00624
3300	4.1720	0.6118	1.0143	29.9883	4.5024	1.00829
3400	4.1910	0.5978	1.0166	30.1866	4.5658	1.01080
3500	4.2099	0.5840	1.0194	30.3869	4.6323	1.01383
3600	4.2289	0.5703	1.0228	30.5910	4.7052	1.01741
3700	4.2480	0.5557	1.0269	30.8002	4.7840	1.02156
3800	4.2673	0.5432	1.0315	31.0137	4.8694	1.02632
3900	4.2864	0.5297	1.0367	31.2308	4.9588	1.03170
4000	4.3054	0.5163	1.0425	31.4496	5.0504	1.03757
4100	4.3242	0.5029	1.0489	31.6702	5.1453	1.04421
4200	4.3428	0.4895	1.0559	31.8926	5.2424	1.05128
4300	4.3611	0.4763	1.0633	32.1154	5.3412	1.05879
4400	4.3790	0.4632	1.0710	32.3378	5.4393	1.06663
4500	4.3966	0.4502	1.0790	32.5597	5.5383	1.07475
4600	4.4135	0.4374	1.0872	32.7775	5.6331	1.08302
4700	4.4297	0.4248	1.0953	32.9890	5.7224	1.09132
4800	4.4452	0.4124	1.1034	33.1945	5.8064	1.09956
4900	4.4600	0.4004	1.1114	33.3939	5.8855	1.10764
5000	4.4748	0.3886	1.1191	33.5956	5.9676	1.11525
5100	4.4883	0.3771	1.1265	33.7832	6.0362	1.02446
5200	4.5012	0.3659	1.1336	33.9628	6.0981	1.03248
5300	4.5135	0.3551	1.1404	34.1352	6.1543	1.13696
5400	4.5252	0.3444	1.1470	34.3024	6.2058	1.14358
5500	4.5365	0.3341	1.1533	34.4642	6.2536	1.14990
5600	4.5476	0.3240	1.1595	34.6240	6.3004	1.15602
5700	4.5585	0.3140	1.1654	34.7843	6.3483	1.16191
5800	4.5695	0.3043	1.1712	34.9449	6.3984	1.16758
5900	4.5805	0.2949	1.1768	35.1079	6.4515	1.17338
6000	4.5916	0.2856	1.1822	35.2736	6.5081	1.17906
6100	4.6013	0.2760	1.1879	35.4206	6.5463	1.18482

LOG P= 1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6200	4.6120	0.2659	1.1937	35.5819	6.6010	1.19066
6300	4.6228	0.2577	1.1997	35.7471	6.6603	1.19671
6400	4.6338	0.2486	1.2059	35.9169	6.7242	1.20299
6500	4.6450	0.2396	1.2124	36.0915	6.7941	1.20957
6600	4.6565	0.2305	1.2193	36.2721	6.8706	1.21653
6700	4.6683	0.2213	1.2266	36.4591	6.9538	1.22388
6800	4.6804	0.2122	1.2344	36.6544	7.0451	1.23172
6900	4.6928	0.2029	1.2428	36.8568	7.1441	1.24007
7000	4.7056	0.1936	1.2517	37.0690	7.2524	1.24903
7100	4.7187	0.1841	1.2612	37.2892	7.3695	1.25861
7200	4.7322	0.1745	1.2714	37.5197	7.4960	1.26885
7300	4.7460	0.1648	1.2823	37.7600	7.6321	1.27980
7400	4.7601	0.1550	1.2940	38.0120	7.7789	1.29155
7500	4.7746	0.1450	1.3065	38.2741	7.9353	1.30403
7600	4.7894	0.1348	1.3198	38.5475	8.1025	1.31737
7700	4.8045	0.1245	1.3339	38.8310	8.2793	1.33150
7800	4.8198	0.1141	1.3489	39.1265	8.4666	1.34650
7900	4.8354	0.1035	1.3547	39.4332	8.6641	1.36239
8000	4.8511	0.0927	1.3815	39.7509	8.8718	1.37916
8100	4.8669	0.0818	1.3990	40.0785	9.0878	1.39673
8200	4.8829	0.0708	1.4174	40.4161	9.3127	1.41514
8300	4.8988	0.0598	1.4365	40.7622	9.5445	1.43428
8400	4.9148	0.0486	1.4564	41.1169	9.7836	1.45419
8500	4.9307	0.0374	1.4770	41.4797	10.0290	1.47481
8600	4.9464	0.0261	1.4981	41.8476	10.2779	1.49596
8700	4.9619	0.0149	1.5196	42.2187	10.5287	1.51753
8800	4.9772	0.0037	1.5416	42.5934	10.7819	1.53954
8900	4.9922	-0.0075	1.5639	42.9705	11.0358	1.56191
9000	5.0068	-0.0185	1.5864	43.3466	11.2870	1.58437
9100	5.0211	-0.0294	1.6089	43.7214	11.5358	1.60695
9200	5.0349	-0.0402	1.6313	44.0915	11.7784	1.62934
9300	5.0482	-0.0507	1.6533	44.4553	12.0134	1.65143
9400	5.0610	-0.0610	1.6751	44.8129	12.2414	1.67326
9500	5.0733	-0.0711	1.6965	45.1631	12.4610	1.69468
9600	5.0850	-0.0810	1.7173	45.5028	12.6690	1.71546
9700	5.0962	-0.0905	1.7373	45.8307	12.8647	1.73551
9800	5.1068	-0.0997	1.7566	46.1480	13.0493	1.75488
9900	5.1169	-0.1087	1.7751	46.4524	13.2203	1.77339
10000	5.1264	-0.1173	1.7926	46.7434	13.3777	1.79098
10100	5.1354	-0.1257	1.8093	47.0228	13.5231	1.80776
10200	5.1439	-0.1337	1.8251	47.2885	13.6550	1.82359
10300	5.1519	-0.1415	1.8400	47.5424	13.7752	1.83859
10400	5.1595	-0.1490	1.8540	47.7836	13.8827	1.85265
10500	5.1666	-0.1562	1.8671	48.0124	13.9783	1.86582
10600	5.1734	-0.1632	1.8794	48.2309	14.0639	1.87820
10700	5.1798	-0.1699	1.8909	48.4384	14.1388	1.88977
10800	5.1858	-0.1764	1.9016	48.6357	14.2043	1.90056
10900	5.1916	-0.1827	1.9116	48.8244	14.2619	1.91070
11000	5.1971	-0.1888	1.9210	49.0045	14.3113	1.92018
11100	5.2023	-0.1947	1.9297	49.1766	14.3538	1.92904
11200	5.2073	-0.2004	1.9380	49.3422	14.3906	1.93740
11300	5.2121	-0.2060	1.9456	49.5007	14.4210	1.94518
11400	5.2167	-0.2114	1.9529	49.6542	14.4474	1.95259
11500	5.2212	-0.2168	1.9598	49.8032	14.4699	1.95963
11600	5.2255	-0.2219	1.9662	49.9471	14.4886	1.96627

LOG P= 1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11700	5.2297	-0.2270	1.9724	50.0876	14.5048	1.97265
11800	5.2338	-0.2320	1.9783	50.2248	14.5184	1.97875
11900	5.2378	-0.2370	1.9840	50.3594	14.5303	1.98466
12000	5.2418	-0.2418	1.9895	50.4913	14.5406	1.99034
12100	5.2457	-0.2465	1.9948	50.6214	14.5501	1.99588
12200	5.2495	-0.2512	2.0000	50.7500	14.5589	2.00131
12300	5.2533	-0.2559	2.0051	50.8775	14.5676	2.00666
12400	5.2571	-0.2605	2.0101	51.0038	14.5758	2.01191
12500	5.2608	-0.2650	2.0150	51.1297	14.5847	2.01714
12600	5.2645	-0.2696	2.0199	51.2553	14.5939	2.02234
12700	5.2683	-0.2740	2.0248	51.3807	14.6040	2.02755
12800	5.2720	-0.2785	2.0296	51.5061	14.6149	2.03278
12900	5.2758	-0.2829	2.0345	51.6322	14.6271	2.03805
13000	5.2795	-0.2873	2.0395	51.7586	14.6406	2.04338
13100	5.2833	-0.2917	2.0445	51.8857	14.6554	2.04878
13200	5.2871	-0.2961	2.0495	52.0137	14.6719	2.05426
13300	5.2909	-0.3005	2.0547	52.1427	14.6901	2.05985
13400	5.2947	-0.3048	2.0599	52.2728	14.7100	2.06555
13500	5.2986	-0.3092	2.0652	52.4042	14.7321	2.07138
13600	5.3025	-0.3135	2.0707	52.5371	14.7562	2.07735
13700	5.3065	-0.3179	2.0762	52.6714	14.7822	2.08347
13800	5.3105	-0.3222	2.0819	52.8074	14.8107	2.08975
13900	5.3145	-0.3266	2.0878	52.9450	14.8412	2.09619
14000	5.3186	-0.3309	2.0938	53.0856	14.8753	2.10281
14100	5.3227	-0.3353	2.0999	53.2257	14.9094	2.10962
14200	5.3268	-0.3397	2.1062	53.3689	14.9472	2.11662
14300	5.3311	-0.3440	2.1127	53.5141	14.9873	2.12393
14400	5.3353	-0.3484	2.1194	53.6615	15.0300	2.13125
14500	5.3396	-0.3528	2.1262	53.8110	15.0753	2.13887
14600	5.3440	-0.3573	2.1333	53.9624	15.1230	2.14671
14700	5.3484	-0.3617	2.1405	54.1163	15.1735	2.15478
14800	5.3529	-0.3661	2.1480	54.2725	15.2266	2.16310
14900	5.3574	-0.3706	2.1556	54.4308	15.2823	2.17164
15000	5.3619	-0.3751	2.1635	54.5915	15.3407	2.18043

LOG P= 1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.7666	1.8994	0.8629	17.9308	2.9214	1.00000
300	3.0018	1.7632	0.9911	19.6471	3.3470	1.00000
400	3.1381	1.6271	1.0169	20.7107	3.4355	1.00000
500	3.2419	1.5272	1.0238	21.5315	3.4909	1.00000
600	3.3251	1.4474	1.0253	22.2024	3.5230	1.00000
700	3.3962	1.3806	1.0249	22.7827	3.5572	1.00000
800	3.4581	1.3231	1.0239	23.2890	3.5893	1.00000
900	3.5133	1.2724	1.0227	23.7519	3.6230	1.00000
1000	3.5633	1.2271	1.0216	24.1759	3.6585	1.00000
1100	3.6088	1.1862	1.0204	24.5683	3.6929	1.00000
1200	3.6505	1.1490	1.0192	24.9200	3.7265	1.00000
1300	3.6891	1.1147	1.0180	25.2414	3.7597	1.00000
1400	3.7250	1.0830	1.0169	25.5523	3.7919	1.00000
1500	3.7585	1.0534	1.0160	25.8575	3.8233	0.99997
1600	3.7902	1.0258	1.0151	26.1369	3.8552	0.99996
1700	3.8202	0.9998	1.0143	26.4030	3.8883	0.99996
1800	3.8483	0.9753	1.0136	26.6573	3.9177	0.99995

LOG P= 1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1900	3.8752	0.9521	1.0129	26.9012	3.9490	0.99995
2000	3.9010	0.9301	1.0123	27.1360	3.9807	0.99996
2100	3.9256	0.9091	1.0117	27.3625	4.0119	0.99997
2200	3.9492	0.8891	1.0112	27.5814	4.0441	1.00000
2300	3.9719	0.8700	1.0108	27.7937	4.0755	1.00006
2400	3.9938	0.8517	1.0105	28.0004	4.1078	1.00016
2500	4.0151	0.8341	1.0102	28.2025	4.1420	1.00031
2600	4.0358	0.8171	1.0101	28.4005	4.1768	1.00054
2700	4.0559	0.8007	1.0101	28.5948	4.2123	1.00089
2800	4.0756	0.7848	1.0102	28.7865	4.2506	1.00138
2900	4.0949	0.7694	1.0106	28.9764	4.2906	1.00204
3000	4.1142	0.7545	1.0112	29.1681	4.3360	1.00292
3100	4.1331	0.7398	1.0121	29.3575	4.3827	1.00408
3200	4.1518	0.7255	1.0133	29.5480	4.4330	1.00554
3300	4.1705	0.7115	1.0149	29.7400	4.4878	1.00738
3400	4.1892	0.6977	1.0169	29.9337	4.5470	1.00963
3500	4.2076	0.6840	1.0194	30.1285	4.6087	1.00796
3600	4.2262	0.6705	1.0224	30.3266	4.6762	1.01556
3700	4.2448	0.6571	1.0259	30.5291	4.7493	1.01930
3800	4.2636	0.6438	1.0301	30.7357	4.8287	1.02360
3900	4.2823	0.6305	1.0348	30.9452	4.9117	1.02847
4000	4.3007	0.6173	1.0400	31.1560	4.9966	1.03391
4100	4.3191	0.6042	1.0458	31.3686	5.0848	1.03989
4200	4.3372	0.5911	1.0522	31.5832	5.1757	1.04639
4300	4.3552	0.5780	1.0590	31.7987	5.2689	1.05338
4400	4.3728	0.5651	1.0662	32.0145	5.3621	1.06066
4500	4.3902	0.5523	1.0737	32.2307	5.4571	1.06830
4600	4.4070	0.5397	1.0814	32.4437	5.5489	1.07614
4700	4.4231	0.5272	1.0892	32.6512	5.6361	1.08410
4800	4.4385	0.5150	1.0970	32.8536	5.7188	1.09208
4900	4.4535	0.5030	1.1047	33.0510	5.7978	1.09999
5000	4.4684	0.4912	1.1123	33.2517	5.8807	1.10751
5100	4.4821	0.4797	1.1197	33.4392	5.9508	0.99909
5200	4.4952	0.4685	1.1268	33.5188	6.0143	0.99986
5300	4.5076	0.4576	1.1337	33.7912	6.0721	1.12931
5400	4.5195	0.4470	1.1404	33.9583	6.1251	1.13605
5500	4.5309	0.4365	1.1468	34.1198	6.1740	1.14249
5600	4.5421	0.4254	1.1531	34.2793	6.2218	1.14874
5700	4.5532	0.4164	1.1591	34.4392	6.2709	1.15475
5800	4.5643	0.4067	1.1649	34.5998	6.3222	1.16061
5900	4.5754	0.3972	1.1706	34.7627	6.3766	1.16636
6000	4.5867	0.3878	1.1760	34.9286	6.4345	1.17206
6100	4.5960	0.3783	1.1816	35.0679	6.4664	1.17777
6200	4.6065	0.3692	1.1873	35.2249	6.5181	1.18353
6300	4.6171	0.3601	1.1932	35.3846	6.5733	1.18942
6400	4.6278	0.3511	1.1991	35.5481	6.6323	1.19548
6500	4.6388	0.3421	1.2054	35.7153	6.6963	1.20178
6600	4.6499	0.3331	1.2119	35.8875	6.7659	1.20839
6700	4.6612	0.3241	1.2188	36.0649	6.8412	1.21532
6800	4.6728	0.3151	1.2261	36.2495	6.9234	1.22266
6900	4.6847	0.3060	1.2338	36.4400	7.0126	1.23044
7000	4.6970	0.2969	1.2421	36.6392	7.1098	1.23875
7100	4.7095	0.2877	1.2509	36.8453	7.2148	1.24759
7200	4.7223	0.2784	1.2602	37.0605	7.3283	1.25701
7300	4.7355	0.2689	1.2702	37.2844	7.4503	1.26707

LOG P= 1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z#
7400	4.7490	0.2594	1.2810	37.5188	7.5821	1.27783
7500	4.7629	0.2497	1.2923	37.7623	7.7227	1.28925
7600	4.7770	0.2399	1.3045	38.0160	7.8731	1.30145
7700	4.7913	0.2299	1.3174	38.2790	8.0325	1.31438
7800	4.8060	0.2198	1.3311	38.5531	8.2017	1.32910
7900	4.8209	0.2096	1.3456	38.8377	8.3806	1.34266
8000	4.8360	0.1992	1.3609	39.1327	8.5692	1.35804
8100	4.8513	0.1887	1.3770	39.4373	8.7663	1.37419
8200	4.8667	0.1781	1.3940	39.7519	8.9722	1.39115
8300	4.8822	0.1673	1.4116	40.0752	9.1853	1.40885
8400	4.8977	0.1565	1.4301	40.4074	9.4063	1.42733
8500	4.9132	0.1456	1.4493	40.7483	9.6345	1.44655
8600	4.9287	0.1346	1.4690	41.0955	9.8672	1.46636
8700	4.9440	0.1236	1.4893	41.4472	10.1035	1.48668
8800	4.9592	0.1126	1.5102	41.8040	10.3437	1.50755
8900	4.9742	0.1016	1.5315	42.1652	10.5867	1.52889
9000	4.9888	0.0907	1.5530	42.5274	10.8291	1.55046
9100	5.0033	0.0799	1.5749	42.8908	11.0715	1.57232
9200	5.0173	0.0691	1.5966	43.2521	11.3106	1.59419
9300	5.0309	0.0586	1.6184	43.6098	11.5447	1.61594
9400	5.0441	0.0482	1.6400	43.9642	11.7744	1.63764
9500	5.0568	0.0379	1.6615	44.3138	11.9983	1.65914
9600	5.0691	0.0279	1.6825	44.6557	12.2134	1.68021
9700	5.0808	0.0182	1.7030	44.9882	12.4184	1.70073
9800	5.0921	0.0086	1.7230	45.3124	12.6144	1.72076
9900	5.1028	-0.0006	1.7422	45.6258	12.7988	1.74008
10000	5.1130	-0.0095	1.7607	45.9273	12.9706	1.75862
10100	5.1227	-0.0182	1.7785	46.2186	13.1319	1.77646
10200	5.1318	-0.0266	1.7954	46.4972	13.2806	1.79343
10300	5.1405	-0.0347	1.8116	46.7648	13.4180	1.80965
10400	5.1487	-0.0426	1.8268	47.0201	13.5430	1.82497
10500	5.1565	-0.0501	1.8412	47.2630	13.6560	1.83941
10600	5.1639	-0.0575	1.8548	47.4957	13.7587	1.85308
10700	5.1708	-0.0645	1.8675	47.7169	13.8503	1.86591
10800	5.1774	-0.0713	1.8794	47.9276	13.9317	1.87792
10900	5.1837	-0.0779	1.8907	48.1291	14.0044	1.88926
11000	5.1896	-0.0843	1.9012	48.3212	14.0684	1.89988
11100	5.1953	-0.0904	1.9110	48.5045	14.1241	1.90981
11200	5.2007	-0.0954	1.9202	48.6805	14.1733	1.91919
11300	5.2058	-0.1022	1.9288	48.8484	14.2150	1.92792
11400	5.2108	-0.1079	1.9370	49.0104	14.2516	1.93619
11500	5.2155	-0.1134	1.9447	49.1671	14.2837	1.94404
11600	5.2201	-0.1188	1.9518	49.3177	14.3104	1.95140
11700	5.2245	-0.1240	1.9587	49.4641	14.3338	1.95843
11800	5.2289	-0.1291	1.9652	49.6061	14.3539	1.96511
11900	5.2330	-0.1342	1.9714	49.7449	14.3715	1.97153
12000	5.2371	-0.1391	1.9773	49.8800	14.3862	1.97765
12100	5.2411	-0.1440	1.9830	50.0127	14.3995	1.98358
12200	5.2451	-0.1487	1.9885	50.1430	14.4111	1.98932
12300	5.2489	-0.1535	1.9939	50.2717	14.4221	1.99493
12400	5.2527	-0.1581	1.9991	50.3984	14.4320	2.00039
12500	5.2565	-0.1627	2.0042	50.5242	14.4417	2.00577
12600	5.2603	-0.1572	2.0092	50.6488	14.4513	2.01107
12700	5.2640	-0.1717	2.0141	50.7728	14.4611	2.01632
12800	5.2677	-0.1762	2.0190	50.8963	14.4711	2.02155

201

LOG P= 1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12900	5.2714	-0.1806	2.0239	51.0199	14.4820	2.02678
13000	5.2751	-0.1850	2.0287	51.1434	14.4936	2.03203
13100	5.2788	-0.1894	2.0336	51.2671	14.5062	2.03730
13200	5.2825	-0.1937	2.0385	51.3911	14.5199	2.04261
13300	5.2863	-0.1981	2.0434	51.5157	14.5347	2.04798
13400	5.2900	-0.2024	2.0484	51.6411	14.5512	2.05345
13500	5.2938	-0.2067	2.0535	51.7673	14.5692	2.05900
13600	5.2976	-0.2110	2.0586	51.8946	14.5890	2.06465
13700	5.3014	-0.2153	2.0639	52.0229	14.6102	2.07042
13800	5.3052	-0.2195	2.0692	52.1525	14.6335	2.07631
13900	5.3091	-0.2238	2.0746	52.2834	14.6587	2.08234
14000	5.3131	-0.2281	2.0802	52.4167	14.6869	2.08851
14100	5.3170	-0.2324	2.0859	52.5495	14.7150	2.09484
14200	5.3210	-0.2366	2.0917	52.6849	14.7463	2.10133
14300	5.3250	-0.2409	2.0977	52.8220	14.7799	2.10800
14400	5.3291	-0.2452	2.1038	52.9609	14.8157	2.11484
14500	5.3332	-0.2495	2.1101	53.1015	14.8535	2.12186
14600	5.3374	-0.2538	2.1165	53.2439	14.8938	2.12908
14700	5.3416	-0.2581	2.1231	53.3883	14.9365	2.13649
14800	5.3458	-0.2625	2.1299	53.5347	14.9814	2.14412
14900	5.3501	-0.2668	2.1368	53.6831	15.0287	2.15195
15000	5.3545	-0.2712	2.1440	53.8335	15.0785	2.15999

LOG P= 1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.7426	2.1134	0.8356	17.5812	2.7640	1.00000
300	2.9976	1.8629	0.9917	19.3869	3.3149	1.00000
400	3.1364	1.7246	1.0226	20.4627	3.4223	1.00000
500	3.2414	1.6243	1.0306	21.2913	3.4872	1.00000
600	3.3250	1.5445	1.0321	21.9655	3.5229	1.00000
700	3.3963	1.4779	1.0314	22.5471	3.5582	1.00000
800	3.4584	1.4204	1.0303	23.0549	3.5917	1.00000
900	3.5136	1.3699	1.0287	23.5183	3.6256	1.00000
1000	3.5637	1.3247	1.0273	23.9431	3.6616	1.00000
1100	3.6092	1.2840	1.0257	24.3363	3.6963	1.00000
1200	3.6509	1.2468	1.0242	24.6885	3.7303	1.00000
1300	3.6895	1.2127	1.0227	25.0103	3.7635	1.00000
1400	3.7254	1.1811	1.0214	25.3215	3.7958	1.00000
1500	3.7589	1.1517	1.0201	25.6268	3.8269	0.99996
1600	3.7906	1.1241	1.0190	25.9063	3.8587	0.99995
1700	3.8206	1.0982	1.0180	26.1724	3.8916	0.99995
1800	3.8487	1.0738	1.0170	26.4268	3.9209	0.99995
1900	3.8756	1.0507	1.0162	26.6707	3.9522	0.99994
2000	3.9013	1.0287	1.0155	26.9056	3.9837	0.99995
2100	3.9259	1.0078	1.0148	27.1320	4.0147	0.99996
2200	3.9495	0.9879	1.0141	27.3508	4.0467	0.99998
2300	3.9722	0.9688	1.0136	27.5630	4.0778	1.00003
2400	3.9940	0.9505	1.0131	27.7694	4.1098	1.00012
2500	4.0153	0.9330	1.0127	27.9712	4.1435	1.00025
2600	4.0359	0.9161	1.0125	28.1685	4.1777	1.00046
2700	4.0559	0.8997	1.0123	28.3620	4.2123	1.00077
2800	4.0755	0.8839	1.0123	28.5526	4.2495	1.00120
2900	4.0947	0.8686	1.0125	28.7409	4.2880	1.00179
3000	4.1138	0.8537	1.0129	28.9306	4.3315	1.00258

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3100	4.1324	0.8392	1.0136	29.1176	4.3760	1.00361
3200	4.1509	0.8249	1.0146	29.3052	4.4236	1.00492
3300	4.1693	0.8110	1.0160	29.4936	4.4752	1.00656
3400	4.1876	0.7973	1.0177	29.6831	4.5307	1.00858
3500	4.2057	0.7838	1.0199	29.8730	4.5880	1.00919
3600	4.2238	0.7704	1.0225	30.0656	4.6507	1.01389
3700	4.2420	0.7572	1.0256	30.2622	4.7185	1.01725
3800	4.2603	0.7441	1.0293	30.4623	4.7924	1.02113
3900	4.2785	0.7311	1.0334	30.6649	4.8694	1.02554
4000	4.2965	0.7181	1.0382	30.8682	4.9480	1.03047
4100	4.3143	0.7052	1.0434	31.0732	5.0299	1.03594
4200	4.3321	0.6923	1.0492	31.2803	5.1147	1.04189
4300	4.3497	0.6795	1.0554	31.4887	5.2022	1.04558
4400	4.3669	0.6568	1.0621	31.6978	5.2904	1.05509
4500	4.3841	0.6542	1.0690	31.9079	5.3810	1.06223
4600	4.4007	0.6418	1.0762	32.1156	5.4692	1.06962
4700	4.4167	0.6295	1.0836	32.3186	5.5536	1.07718
4800	4.4321	0.6173	1.0910	32.5172	5.6343	1.08484
4900	4.4470	0.6054	1.0985	32.7118	5.7122	1.09250
5000	4.4620	0.5937	1.1059	32.9108	5.7952	1.09986
5100	4.4759	0.5823	1.1132	33.0973	5.8660	1.00683
5200	4.4891	0.5711	1.1203	33.2762	5.9304	1.00509
5300	4.5017	0.5602	1.1272	33.4481	5.9893	1.12156
5400	4.5137	0.5495	1.1338	33.6148	6.0433	1.12835
5500	4.5252	0.5390	1.1403	33.7758	6.0933	1.13488
5600	4.5365	0.5288	1.1466	33.9350	6.1422	1.14122
5700	4.5477	0.5188	1.1527	34.0947	6.1925	1.14733
5800	4.5590	0.5090	1.1586	34.2552	6.2452	1.15328
5900	4.5703	0.4995	1.1643	34.4184	6.3010	1.15909
6000	4.5817	0.4901	1.1698	34.5846	6.3606	1.16482
6100	4.5906	0.4806	1.1754	34.7175	6.3873	1.17053
6200	4.6011	0.4715	1.1810	34.8708	6.4367	1.17623
6300	4.6115	0.4624	1.1867	35.0261	6.4888	1.18203
6400	4.6220	0.4535	1.1925	35.1843	6.5438	1.18793
6500	4.6326	0.4446	1.1985	35.3452	6.6029	1.19401
6600	4.6435	0.4357	1.2048	35.5100	6.6667	1.20034
6700	4.6544	0.4268	1.2113	35.6792	6.7352	1.20692
6800	4.6656	0.4179	1.2181	35.8545	6.8097	1.21384
6900	4.6771	0.4090	1.2254	36.0347	6.8902	1.22113
7000	4.6888	0.4001	1.2331	36.2223	6.9778	1.22887
7100	4.7008	0.3910	1.2412	36.4158	7.0722	1.23708
7200	4.7131	0.3820	1.2498	36.6174	7.1740	1.24578
7300	4.7257	0.3728	1.2590	36.8266	7.2837	1.25506
7400	4.7386	0.3635	1.2689	37.0451	7.4020	1.26493
7500	4.7518	0.3541	1.2793	37.2718	7.5282	1.27541
7600	4.7652	0.3446	1.2904	37.5076	7.6635	1.28659
7700	4.7790	0.3350	1.3022	37.7519	7.8070	1.29842
7800	4.7930	0.3252	1.3147	38.0064	7.9595	1.31098
7900	4.8073	0.3153	1.3280	38.2705	8.1213	1.32432
8000	4.8218	0.3053	1.3420	38.5444	8.2921	1.33840
8100	4.8364	0.2951	1.3568	38.8274	8.4710	1.35322
8200	4.8513	0.2849	1.3723	39.1199	8.6587	1.36881
8300	4.8662	0.2745	1.3886	39.4211	8.8536	1.38512
8400	4.8812	0.2640	1.4056	39.7312	9.0565	1.40219
8500	4.8964	0.2534	1.4234	40.0501	9.2671	1.42000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8600	4.9114	0.2427	1.4418	40.3761	9.4831	1.43844
8700	4.9264	0.2320	1.4607	40.7074	9.7034	1.45744
8800	4.9414	0.2213	1.4803	41.0449	9.9290	1.47704
8900	4.9562	0.2105	1.5004	41.3881	10.1587	1.49720
9000	4.9709	0.1998	1.5209	41.7340	10.3898	1.51772
9100	4.9853	0.1891	1.5418	42.0831	10.6229	1.53865
9200	4.9994	0.1784	1.5628	42.4324	10.8548	1.55974
9300	5.0132	0.1579	1.5840	42.7805	11.0841	1.58090
9400	5.0266	0.1575	1.6052	43.1275	11.3114	1.60217
9500	5.0398	0.1472	1.6264	43.4724	11.5354	1.62342
9600	5.0524	0.1371	1.6474	43.8120	11.7530	1.64444
9700	5.0646	0.1272	1.6680	44.1448	11.9630	1.66510
9800	5.0764	0.1175	1.6883	44.4717	12.1663	1.68546
9900	5.0876	0.1080	1.7080	44.7899	12.3598	1.70527
10000	5.0984	0.0988	1.7272	45.0983	12.5431	1.72447
10100	5.1087	0.0898	1.7458	45.3982	12.7172	1.74312
10200	5.1185	0.0811	1.7636	45.6870	12.8800	1.76103
10300	5.1279	0.0727	1.7808	45.9661	13.0328	1.77829
10400	5.1367	0.0645	1.7972	46.2338	13.1739	1.79473
10500	5.1451	0.0566	1.8127	46.4897	13.3033	1.81034
10600	5.1531	0.0490	1.8275	46.7359	13.4227	1.82524
10700	5.1607	0.0416	1.8415	46.9706	13.5310	1.83931
10800	5.1679	0.0344	1.8547	47.1947	13.6286	1.85257
10900	5.1747	0.0275	1.8671	47.4094	13.7173	1.86514
11000	5.1812	0.0209	1.8788	47.6142	13.7964	1.87695
11100	5.1873	0.0144	1.8898	47.8096	13.8665	1.88803
11200	5.1932	0.0081	1.9002	47.9971	13.9296	1.89853
11300	5.1987	0.0021	1.9098	48.1756	13.9839	1.90829
11400	5.2040	-0.0038	1.9189	48.3474	14.0322	1.91754
11500	5.2092	-0.0096	1.9275	48.5132	14.0753	1.92632
11600	5.2140	-0.0151	1.9356	48.6718	14.1120	1.93452
11700	5.2188	-0.0206	1.9432	48.8255	14.1444	1.94233
11800	5.2233	-0.0259	1.9504	48.9741	14.1726	1.94972
11900	5.2278	-0.0311	1.9573	49.1186	14.1974	1.95680
12000	5.2320	-0.0361	1.9638	49.2585	14.2184	1.96349
12100	5.2362	-0.0411	1.9700	49.3952	14.2371	1.96993
12200	5.2403	-0.0460	1.9759	49.5289	14.2535	1.97612
12300	5.2443	-0.0508	1.9817	49.6602	14.2683	1.98213
12400	5.2482	-0.0555	1.9872	49.7887	14.2813	1.98791
12500	5.2521	-0.0602	1.9926	49.9157	14.2935	1.99356
12600	5.2559	-0.0648	1.9978	50.0410	14.3048	1.99909
12700	5.2596	-0.0693	2.0029	50.1649	14.3157	2.00450
12800	5.2633	-0.0738	2.0079	50.2878	14.3263	2.00983
12900	5.2671	-0.0783	2.0129	50.4103	14.3372	2.01514
13000	5.2707	-0.0827	2.0178	50.5321	14.3483	2.02041
13100	5.2744	-0.0870	2.0226	50.6536	14.3598	2.02556
13200	5.2781	-0.0914	2.0275	50.7749	14.3719	2.03090
13300	5.2818	-0.0957	2.0323	50.8964	14.3849	2.03617
13400	5.2854	-0.1000	2.0372	51.0183	14.3989	2.04150
13500	5.2891	-0.1043	2.0421	51.1404	14.4139	2.04686
13600	5.2928	-0.1085	2.0470	51.2632	14.4303	2.05230
13700	5.2965	-0.1128	2.0520	51.3868	14.4481	2.05781
13800	5.3003	-0.1170	2.0570	51.5111	14.4673	2.06341
13900	5.3040	-0.1212	2.0622	51.6365	14.4882	2.06912
14000	5.3078	-0.1254	2.0674	51.7638	14.5115	2.07493

LOG P= 1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14100	5.3116	-0.1296	2.0727	51.8904	14.5348	2.08088
14200	5.3155	-0.1338	2.0781	52.0192	14.5608	2.08695
14300	5.3194	-0.1380	2.0837	52.1493	14.5886	2.09317
14400	5.3233	-0.1422	2.0893	52.2810	14.6185	2.09953
14500	5.3272	-0.1464	2.0951	52.4139	14.6502	2.10605
14600	5.3312	-0.1507	2.1010	52.5484	14.6838	2.11273
14700	5.3352	-0.1549	2.1071	52.6846	14.7197	2.11958
14800	5.3393	-0.1591	2.1133	52.8226	14.7576	2.12661
14900	5.3434	-0.1633	2.1197	52.9621	14.7978	2.13382
15000	5.3475	-0.1676	2.1262	53.1035	14.8399	2.14122

LOG P= 2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.7134	2.2250	0.8133	17.2151	2.5844	1.00000
300	2.9927	1.9617	0.9946	19.1211	3.2778	1.00000
400	3.1344	1.8213	1.0306	20.2107	3.4067	1.00000
500	3.2409	1.7206	1.0395	21.0490	3.4831	1.00000
600	3.3250	1.6408	1.0410	21.7269	3.5229	1.00000
700	3.3965	1.5743	1.0398	22.3104	3.5600	1.00000
800	3.4587	1.5170	1.0384	22.8197	3.5946	1.00000
900	3.5141	1.4667	1.0363	23.2846	3.6295	1.00000
1000	3.5641	1.4217	1.0344	23.7095	3.6654	1.00000
1100	3.6097	1.3811	1.0325	24.1037	3.7007	1.00000
1200	3.6515	1.3442	1.0305	24.4567	3.7350	1.00000
1300	3.6901	1.3102	1.0287	24.7791	3.7684	1.00000
1400	3.7260	1.2788	1.0269	25.0905	3.8005	1.00000
1500	3.7595	1.2495	1.0253	25.3960	3.8316	0.99996
1600	3.7911	1.2220	1.0239	25.6755	3.8631	0.99995
1700	3.8211	1.1962	1.0226	25.9417	3.8959	0.99994
1800	3.8491	1.1719	1.0215	26.1961	3.9250	0.99994
1900	3.8760	1.1489	1.0204	26.4402	3.9561	0.99994
2000	3.9017	1.1270	1.0194	26.6751	3.9875	0.99993
2100	3.9263	1.1062	1.0186	26.9016	4.0184	0.99994
2200	3.9499	1.0863	1.0178	27.1203	4.0501	0.99995
2300	3.9725	1.0673	1.0170	27.3324	4.0809	1.00000
2400	3.9943	1.0491	1.0164	27.5385	4.1125	1.00008
2500	4.0156	1.0316	1.0159	27.7399	4.1458	1.00020
2600	4.0361	1.0148	1.0155	27.9368	4.1794	1.00039
2700	4.0560	0.9985	1.0152	28.1295	4.2132	1.00056
2800	4.0755	0.9828	1.0150	28.3190	4.2493	1.00103
2900	4.0945	0.9675	1.0151	28.5060	4.2865	1.00157
3000	4.1134	0.9527	1.0153	28.6940	4.3283	1.00227
3100	4.1319	0.9382	1.0158	28.8787	4.3708	1.00319
3200	4.1502	0.9241	1.0166	29.0637	4.4160	1.00436
3300	4.1683	0.9103	1.0177	29.2490	4.4646	1.00592
3400	4.1863	0.8967	1.0191	29.4347	4.5167	1.00763
3500	4.2040	0.8833	1.0209	29.6202	4.5701	1.04551
3600	4.2217	0.8701	1.0232	29.8078	4.6284	1.01239
3700	4.2395	0.8571	1.0259	29.9989	4.6915	1.01541
3800	4.2574	0.8442	1.0291	30.1931	4.7602	1.01890
3900	4.2752	0.8313	1.0328	30.3893	4.8317	1.02289
4000	4.2927	0.8186	1.0370	30.5858	4.9044	1.02735
4100	4.3100	0.8059	1.0418	30.7836	4.9804	1.03233
4200	4.3273	0.7932	1.0470	30.9836	5.0593	1.03776

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4300	4.3445	0.7807	1.0526	31.1850	5.1413	1.04226
4400	4.3615	0.7692	1.0587	31.3875	5.2243	1.04991
4500	4.3783	0.7558	1.0651	31.5915	5.3103	1.05655
4600	4.3947	0.7435	1.0718	31.7937	5.3946	1.06347
4700	4.4105	0.7314	1.0787	31.9916	5.4755	1.07061
4800	4.4258	0.7194	1.0857	32.1860	5.5537	1.07790
4900	4.4407	0.7076	1.0929	32.3771	5.6298	1.08525
5000	4.4558	0.6960	1.1000	32.5736	5.7119	1.09240
5100	4.4697	0.6847	1.1071	32.7584	5.7826	1.04518
5200	4.4830	0.6735	1.1140	32.9358	5.8473	1.04258
5300	4.4956	0.6626	1.1208	33.1066	5.9066	1.11377
5400	4.5077	0.6519	1.1275	33.2724	5.9614	1.12056
5500	4.5194	0.6414	1.1340	33.4328	6.0122	1.12713
5600	4.5308	0.6312	1.1403	33.5915	6.0621	1.13353
5700	4.5422	0.6212	1.1465	33.7511	6.1136	1.13972
5800	4.5535	0.6114	1.1524	33.9116	6.1675	1.14574
5900	4.5650	0.6018	1.1581	34.0749	6.2250	1.15161
6000	4.5765	0.5924	1.1636	34.2415	6.2862	1.15739
6100	4.5853	0.5829	1.1692	34.3691	6.3088	1.16310
6200	4.5956	0.5738	1.1748	34.5194	6.3565	1.16878
6300	4.6059	0.5648	1.1804	34.6710	6.4062	1.17450
6400	4.6163	0.5558	1.1861	34.9246	6.4580	1.18029
6500	4.6267	0.5470	1.1919	34.9801	6.5131	1.18620
6600	4.6372	0.5382	1.1979	35.1388	6.5720	1.19230
6700	4.6479	0.5294	1.2041	35.3007	6.6349	1.19860
6800	4.6588	0.5206	1.2106	35.4679	6.7028	1.20517
6900	4.6698	0.5119	1.2174	35.6390	6.7758	1.21205
7000	4.6811	0.5031	1.2246	35.8165	6.8550	1.21931
7100	4.6926	0.4942	1.2321	35.9990	6.9401	1.22696
7200	4.7044	0.4853	1.2401	36.1884	7.0318	1.23505
7300	4.7164	0.4764	1.2486	36.3845	7.1304	1.24364
7400	4.7288	0.4673	1.2577	36.5889	7.2366	1.25274
7500	4.7414	0.4582	1.2672	36.8004	7.3500	1.26238
7600	4.7542	0.4490	1.2774	37.0202	7.4717	1.27264
7700	4.7673	0.4397	1.2882	37.2475	7.6007	1.28349
7800	4.7807	0.4302	1.2997	37.4841	7.7381	1.29500
7900	4.7944	0.4206	1.3118	37.7294	7.8839	1.30721
8000	4.8083	0.4109	1.3247	37.9836	8.0382	1.32011
8100	4.8223	0.4011	1.3382	38.2465	8.2003	1.33368
8200	4.8366	0.3912	1.3524	38.5183	8.3706	1.34799
8300	4.8510	0.3812	1.3674	38.7985	8.5482	1.36298
8400	4.8655	0.3710	1.3830	39.0873	8.7337	1.37870
8500	4.8801	0.3608	1.3994	39.3850	8.9268	1.39515
8600	4.8948	0.3504	1.4164	39.6900	9.1259	1.41224
8700	4.9094	0.3401	1.4341	40.0008	9.3300	1.42989
8800	4.9240	0.3296	1.4523	40.3184	9.5400	1.44820
8900	4.9386	0.3191	1.4712	40.6426	9.7552	1.46711
9000	4.9531	0.3086	1.4905	40.9708	9.9731	1.48645
9100	4.9674	0.2980	1.5103	41.3034	10.1944	1.50630
9200	4.9815	0.2876	1.5303	41.6380	10.4163	1.52642
9300	4.9953	0.2772	1.5506	41.9732	10.6375	1.54674
9400	5.0089	0.2668	1.5711	42.3094	10.8589	1.56732
9500	5.0222	0.2565	1.5918	42.6456	11.0791	1.58804
9600	5.0352	0.2464	1.6124	42.9790	11.2953	1.60870
9700	5.0477	0.2364	1.6328	43.3079	11.5062	1.62919

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9800	5.0599	0.2266	1.6532	43.6333	11.7126	1.64955
9900	5.0716	0.2170	1.6731	43.9523	11.9117	1.66955
10000	5.0829	0.2076	1.6926	44.2638	12.1024	1.68910
10100	5.0937	0.1984	1.7117	44.5687	12.2859	1.70827
10200	5.1041	0.1894	1.7302	44.8643	12.4597	1.72685
10300	5.1141	0.1807	1.7482	45.1519	12.6250	1.74491
10400	5.1236	0.1722	1.7655	45.4293	12.7796	1.76226
10500	5.1326	0.1640	1.7820	45.5960	12.9236	1.77897
10600	5.1412	0.1561	1.7979	45.9538	13.0581	1.79485
10700	5.1494	0.1484	1.8130	46.2008	13.1820	1.81005
10800	5.1571	0.1409	1.8273	46.4373	13.2952	1.82447
10900	5.1645	0.1337	1.8410	46.6648	13.3997	1.83823
11000	5.1715	0.1267	1.8538	46.8821	13.4942	1.85122
11100	5.1782	0.1199	1.8660	47.0898	13.5794	1.86349
11200	5.1846	0.1133	1.8775	47.2894	13.6570	1.87513
11300	5.1906	0.1070	1.8882	47.4793	13.7252	1.88600
11400	5.1964	0.1008	1.8984	47.5619	13.7867	1.89633
11500	5.2019	0.0949	1.9081	47.8381	13.8421	1.90613
11600	5.2072	0.0890	1.9171	48.0062	13.8902	1.91530
11700	5.2122	0.0834	1.9256	48.1687	13.9332	1.92401
11800	5.2171	0.0779	1.9337	48.3251	13.9709	1.93224
11900	5.2218	0.0725	1.9413	48.4769	14.0047	1.94011
12000	5.2263	0.0673	1.9485	48.6231	14.0335	1.94750
12100	5.2308	0.0621	1.9554	48.7655	14.0593	1.95459
12200	5.2350	0.0571	1.9619	48.9039	14.0819	1.96137
12300	5.2392	0.0522	1.9682	49.0394	14.1023	1.96789
12400	5.2433	0.0473	1.9742	49.1712	14.1199	1.97413
12500	5.2472	0.0426	1.9800	49.3009	14.1361	1.98019
12600	5.2512	0.0379	1.9855	49.4283	14.1507	1.98605
12700	5.2550	0.0333	1.9909	49.5536	14.1642	1.99175
12800	5.2588	0.0287	1.9962	49.6773	14.1767	1.99732
12900	5.2625	0.0242	2.0013	49.7999	14.1889	2.00281
13000	5.2663	0.0198	2.0064	49.9214	14.2007	2.00822
13100	5.2699	0.0154	2.0113	50.0420	14.2124	2.01355
13200	5.2736	0.0110	2.0162	50.1620	14.2244	2.01885
13300	5.2773	0.0067	2.0211	50.2815	14.2365	2.02412
13400	5.2809	0.0024	2.0259	50.4011	14.2494	2.02940
13500	5.2845	-0.0018	2.0307	50.5204	14.2628	2.03468
13600	5.2882	-0.0061	2.0355	50.6401	14.2772	2.04000
13700	5.2918	-0.0103	2.0404	50.7600	14.2923	2.04536
13800	5.2955	-0.0145	2.0453	50.8803	14.3087	2.05077
13900	5.2992	-0.0187	2.0502	51.0014	14.3263	2.05626
14000	5.3029	-0.0228	2.0552	51.1237	14.3460	2.06181
14100	5.3065	-0.0270	2.0602	51.2453	14.3654	2.06746
14200	5.3103	-0.0311	2.0653	51.3687	14.3873	2.07322
14300	5.3140	-0.0353	2.0705	51.4930	14.4105	2.07908
14400	5.3178	-0.0394	2.0758	51.6185	14.4354	2.08506
14500	5.3216	-0.0435	2.0812	51.7450	14.4620	2.09116
14600	5.3254	-0.0477	2.0867	51.8727	14.4902	2.09739
14700	5.3293	-0.0518	2.0923	52.0019	14.5203	2.10378
14800	5.3332	-0.0559	2.0980	52.1324	14.5524	2.11031
14900	5.3371	-0.0601	2.1039	52.2643	14.5862	2.11700
15000	5.3411	-0.0542	2.1098	52.3978	14.6219	2.12385

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.6797	2.3308	0.8020	16.8389	2.3916	1.00000
300	2.9870	2.0589	1.0006	18.8488	3.2348	1.00000
400	3.1321	1.9168	1.0411	19.9544	3.3887	1.00000
500	3.2404	1.8158	1.0511	20.8041	3.4789	1.00000
600	3.3251	1.7360	1.0527	21.4862	3.5232	1.00000
700	3.3971	1.6698	1.0508	22.0740	3.5642	1.00000
800	3.4592	1.5128	1.0484	22.5831	3.5982	1.00000
900	3.5147	1.5627	1.0459	23.0500	3.6345	1.00000
1000	3.5647	1.5180	1.0434	23.4752	3.6701	1.00000
1100	3.6103	1.4776	1.0409	23.8705	3.7062	1.00000
1200	3.6522	1.4408	1.0385	24.2245	3.7410	1.00000
1300	3.6908	1.4071	1.0361	24.5475	3.7745	1.00000
1400	3.7267	1.3758	1.0339	24.8594	3.8067	1.00000
1500	3.7601	1.3457	1.0318	25.1650	3.8374	0.99995
1600	3.7917	1.3194	1.0300	25.4446	3.8687	0.99994
1700	3.8216	1.2938	1.0284	25.7109	3.9011	0.99994
1800	3.8497	1.2696	1.0270	25.9654	3.9301	0.99993
1900	3.8766	1.2466	1.0257	26.2096	3.9610	0.99992
2000	3.9022	1.2249	1.0245	26.4445	3.9922	0.99992
2100	3.9268	1.2042	1.0234	26.6711	4.0230	0.99993
2200	3.9504	1.1844	1.0224	26.8898	4.0545	0.99994
2300	3.9729	1.1555	1.0214	27.1018	4.0850	0.99998
2400	3.9947	1.1473	1.0206	27.3077	4.1162	1.00005
2500	4.0159	1.1299	1.0199	27.5088	4.1490	1.00015
2600	4.0364	1.1131	1.0193	27.7052	4.1821	1.00031
2700	4.0562	1.0969	1.0188	27.8973	4.2152	1.00055
2800	4.0756	1.0813	1.0185	28.0858	4.2502	1.00089
2900	4.0945	1.0661	1.0184	28.2716	4.2862	1.00136
3000	4.1133	1.0514	1.0184	28.4580	4.3265	1.00199
3100	4.1316	1.0370	1.0187	28.6408	4.3672	1.00281
3200	4.1496	1.0230	1.0192	28.8234	4.4101	1.00385
3300	4.1675	1.0093	1.0201	29.0059	4.4561	1.00516
3400	4.1852	0.9958	1.0212	29.1883	4.5052	1.00677
3500	4.2026	0.9826	1.0227	29.3498	4.5550	1.08161
3600	4.2199	0.9595	1.0246	29.5529	4.6092	1.01104
3700	4.2373	0.9567	1.0270	29.7391	4.6680	1.01375
3800	4.2548	0.9439	1.0298	29.9279	4.7320	1.01689
3900	4.2722	0.9312	1.0330	30.1181	4.7984	1.02048
4000	4.2892	0.9187	1.0367	30.3083	4.8657	1.02453
4100	4.3062	0.9062	1.0409	30.4995	4.9360	1.02904
4200	4.3230	0.8938	1.0456	30.6928	5.0094	1.03398
4300	4.3398	0.8815	1.0507	30.8876	5.0859	1.06201
4400	4.3564	0.8692	1.0562	31.0836	5.1639	1.04513
4500	4.3730	0.8571	1.0620	31.2815	5.2451	1.05127
4600	4.3891	0.8450	1.0682	31.4778	5.3251	1.05771
4700	4.4047	0.8331	1.0746	31.6706	5.4023	1.06441
4800	4.4198	0.8213	1.0812	31.8602	5.4774	1.07129
4900	4.4346	0.8096	1.0879	32.0473	5.5511	1.07830
5000	4.4496	0.7981	1.0947	32.2407	5.6317	1.08516
5100	4.4636	0.7868	1.1015	32.4230	5.7016	1.08701
5200	4.4769	0.7758	1.1083	32.5984	5.7658	1.08849
5300	4.4896	0.7649	1.1150	32.7676	5.8249	1.10603
5400	4.5018	0.7542	1.1215	32.9321	5.8800	1.11276
5500	4.5135	0.7438	1.1279	33.0915	5.9313	1.11931
5600	4.5250	0.7335	1.1342	33.2494	5.9819	1.12572

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	4.5365	0.7235	1.1403	33.4086	6.0344	1.13194
5800	4.5480	0.7137	1.1463	33.5689	6.0895	1.13801
5900	4.5596	0.7041	1.1520	33.7323	6.1483	1.14393
6000	4.5713	0.6947	1.1576	33.8992	6.2112	1.14974
6100	4.5799	0.6852	1.1631	34.0223	6.2306	1.15547
6200	4.5902	0.6751	1.1687	34.1702	6.2771	1.16114
6300	4.6004	0.6670	1.1742	34.3187	6.3250	1.16682
6400	4.6106	0.6582	1.1798	34.4685	6.3743	1.17252
6500	4.6209	0.6493	1.1855	34.6196	6.4262	1.17831
6600	4.6312	0.6406	1.1913	34.7728	6.4811	1.18423
6700	4.6416	0.6319	1.1972	34.9287	6.5392	1.19030
6800	4.6522	0.6232	1.2034	35.0888	6.6016	1.19660
6900	4.6629	0.6146	1.2098	35.2520	6.6682	1.20314
7000	4.6738	0.6059	1.2166	35.4207	6.7401	1.20999
7100	4.6849	0.5972	1.2237	35.5934	6.8171	1.21717
7200	4.6962	0.5885	1.2311	35.7722	6.9000	1.22472
7300	4.7077	0.5797	1.2390	35.9566	6.9888	1.23270
7400	4.7195	0.5709	1.2474	36.1484	7.0845	1.24114
7500	4.7316	0.5620	1.2562	36.3464	7.1865	1.25003
7600	4.7439	0.5531	1.2655	36.5516	7.2958	1.25949
7700	4.7564	0.5440	1.2754	36.7635	7.4119	1.26945
7800	4.7692	0.5348	1.2859	36.9838	7.5355	1.28002
7900	4.7823	0.5256	1.2970	37.2120	7.6669	1.29121
8000	4.7955	0.5152	1.3087	37.4482	7.8062	1.30303
8100	4.8090	0.5067	1.3211	37.6926	7.9526	1.31548
8200	4.8227	0.4971	1.3342	37.9451	8.1068	1.32859
8300	4.8365	0.4874	1.3478	38.2056	8.2680	1.34234
8400	4.8505	0.4776	1.3622	38.4743	8.4368	1.35679
8500	4.8646	0.4677	1.3773	38.7516	8.6131	1.37193
8600	4.8788	0.4577	1.3930	39.0362	8.7955	1.38770
8700	4.8930	0.4476	1.4093	39.3268	8.9833	1.40403
8800	4.9072	0.4375	1.4262	39.6244	9.1774	1.42103
8900	4.9215	0.4273	1.4437	39.9289	9.3773	1.43864
9000	4.9356	0.4170	1.4618	40.2385	9.5807	1.45675
9100	4.9498	0.4067	1.4804	40.5533	9.7887	1.47540
9200	4.9637	0.3965	1.4994	40.8713	9.9985	1.49443
9300	4.9775	0.3862	1.5186	41.1917	10.2095	1.51376
9400	4.9911	0.3760	1.5383	41.5146	10.4221	1.53345
9500	5.0045	0.3658	1.5582	41.8393	10.6355	1.55342
9600	5.0176	0.3557	1.5782	42.1631	10.8467	1.57347
9700	5.0303	0.3458	1.5981	42.4845	11.0548	1.59350
9800	5.0428	0.3359	1.6181	42.8046	11.2605	1.61357
9900	5.0549	0.3262	1.6379	43.1205	11.4609	1.63345
10000	5.0665	0.3167	1.6575	43.4309	11.6550	1.65303
10100	5.0778	0.3074	1.6768	43.7370	11.8441	1.67241
10200	5.0887	0.2982	1.6956	44.0356	12.0252	1.69135
10300	5.0992	0.2893	1.7141	44.3281	12.1996	1.70993
10400	5.1092	0.2805	1.7321	44.6121	12.3649	1.72794
10500	5.1188	0.2721	1.7494	44.8868	12.5207	1.74533
10600	5.1280	0.2638	1.7661	45.1539	12.6684	1.76220
10700	5.1368	0.2558	1.7822	45.4112	12.8063	1.77837
10800	5.1452	0.2480	1.7976	45.6587	12.9339	1.79383
10900	5.1531	0.2405	1.8123	45.8978	13.0532	1.80869
11000	5.1607	0.2332	1.8263	46.1270	13.1628	1.82281
11100	5.1680	0.2261	1.8396	46.3468	13.2629	1.83622

LOG P= 2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.1749	0.2192	1.8523	46.5583	13.3551	1.84902
11300	5.1814	0.2126	1.8642	46.7599	13.4377	1.86102
11400	5.1877	0.2061	1.8755	46.9539	13.5130	1.87246
11500	5.1937	0.1999	1.8862	47.1411	13.5818	1.88336
11600	5.1993	0.1938	1.8962	47.3194	13.6423	1.89355
11700	5.2048	0.1879	1.9057	47.4917	13.6972	1.90326
11800	5.2101	0.1822	1.9147	47.6572	13.7460	1.91243
11900	5.2151	0.1766	1.9233	47.8174	13.7900	1.92118
12000	5.2200	0.1711	1.9313	47.9712	13.8283	1.92940
12100	5.2246	0.1658	1.9389	48.1206	13.8628	1.93726
12200	5.2292	0.1606	1.9462	48.2652	13.8932	1.94473
12300	5.2336	0.1555	1.9531	48.4063	13.9206	1.95192
12400	5.2378	0.1505	1.9597	48.5429	13.9444	1.95873
12500	5.2420	0.1456	1.9660	48.6767	13.9662	1.96533
12600	5.2461	0.1409	1.9720	48.8075	13.9857	1.97166
12700	5.2500	0.1361	1.9778	48.9356	14.0032	1.97777
12800	5.2539	0.1315	1.9834	49.0614	14.0191	1.98369
12900	5.2578	0.1269	1.9889	49.1857	14.0342	1.98949
13000	5.2616	0.1224	1.9942	49.3082	14.0483	1.99516
13100	5.2653	0.1180	1.9994	49.4292	14.0616	2.00070
13200	5.2690	0.1136	2.0044	49.5491	14.0745	2.00616
13300	5.2727	0.1092	2.0094	49.6681	14.0872	2.01153
13400	5.2763	0.1049	2.0143	49.7866	14.1001	2.01689
13500	5.2800	0.1006	2.0192	49.9043	14.1130	2.02219
13600	5.2836	0.0964	2.0240	50.0220	14.1264	2.02750
13700	5.2872	0.0922	2.0288	50.1394	14.1403	2.03281
13800	5.2908	0.0880	2.0336	50.2569	14.1550	2.03812
13900	5.2944	0.0838	2.0384	50.3747	14.1705	2.04349
14000	5.2980	0.0797	2.0432	50.4934	14.1876	2.04887
14100	5.3016	0.0756	2.0481	50.6111	14.2042	2.05433
14200	5.3053	0.0715	2.0530	50.7301	14.2228	2.05986
14300	5.3089	0.0674	2.0579	50.8497	14.2425	2.06546
14400	5.3126	0.0633	2.0629	50.9702	14.2637	2.07115
14500	5.3163	0.0592	2.0680	51.0914	14.2860	2.07693
14600	5.3200	0.0552	2.0732	51.2135	14.3100	2.08282
14700	5.3237	0.0511	2.0784	51.3367	14.3354	2.08893
14800	5.3275	0.0470	2.0837	51.4610	14.3624	2.09495
14900	5.3313	0.0430	2.0892	51.5864	14.3909	2.10121
15000	5.3351	0.0389	2.0947	51.7130	14.4211	2.10759

LOG P= 2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.6459	2.4263	0.8117	16.4681	2.2123	1.00000
300	2.9809	2.1536	1.0131	18.5720	3.1898	1.00000
400	3.1296	2.0105	1.0564	19.6933	3.3691	1.00000
500	3.2399	1.9096	1.0561	20.5564	3.4747	1.00000
600	3.3251	1.8299	1.0674	21.2427	3.5237	1.00000
700	3.3978	1.7639	1.0650	21.8369	3.5705	1.00000
800	3.4597	1.7079	1.0602	22.3448	3.6025	1.00000
900	3.5153	1.6576	1.0581	22.8129	3.6397	1.00000
1000	3.5655	1.6133	1.0547	23.2404	3.6769	1.00000
1100	3.6111	1.5732	1.0515	23.6367	3.7133	1.00000
1200	3.6530	1.5367	1.0484	23.9919	3.7485	1.00000
1300	3.6917	1.5032	1.0454	24.3158	3.7824	1.00000

LOG P= 2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.7276	1.4722	1.0426	24.5282	3.8145	1.00000
1500	3.7610	1.4433	1.0401	24.9340	3.8449	0.99995
1600	3.7925	1.4162	1.0378	25.2136	3.8758	0.99994
1700	3.8224	1.3907	1.0358	25.4800	3.9078	0.99993
1800	3.8504	1.3666	1.0339	25.7346	3.9365	0.99991
1900	3.8772	1.3439	1.0323	25.9789	3.9672	0.99991
2000	3.9029	1.3222	1.0308	26.2139	3.9982	0.99990
2100	3.9274	1.3016	1.0294	26.4406	4.0287	0.99991
2200	3.9509	1.2820	1.0281	26.6593	4.0600	0.99992
2300	3.9735	1.2631	1.0269	26.8712	4.0902	0.99995
2400	3.9952	1.2451	1.0259	27.0770	4.1211	1.00001
2500	4.0163	1.2278	1.0249	27.2778	4.1534	1.00010
2600	4.0368	1.2111	1.0241	27.4738	4.1860	1.00024
2700	4.0565	1.1950	1.0234	27.6653	4.2183	1.00045
2800	4.0758	1.1794	1.0229	27.8530	4.2524	1.00076
2900	4.0946	1.1543	1.0226	28.0377	4.2873	1.00117
3000	4.1132	1.1497	1.0224	28.2228	4.3262	1.00173
3100	4.1314	1.1354	1.0224	28.4039	4.3651	1.00246
3200	4.1492	1.1215	1.0227	28.5843	4.4060	1.00340
3300	4.1668	1.1079	1.0233	28.7642	4.4497	1.00456
3400	4.1843	1.0946	1.0241	28.9436	4.4960	1.00600
3500	4.2014	1.0815	1.0253	29.1216	4.5425	1.05907
3600	4.2184	1.0536	1.0269	29.3006	4.5931	1.00982
3700	4.2355	1.0558	1.0289	29.4824	4.6479	1.01225
3800	4.2526	1.0433	1.0312	29.6662	4.7075	1.01508
3900	4.2695	1.0308	1.0340	29.8511	4.7693	1.01831
4000	4.2861	1.0185	1.0373	30.0354	4.8316	1.02196
4100	4.3027	1.0062	1.0410	30.2204	4.8966	1.02604
4200	4.3191	0.9940	1.0451	30.4075	4.9647	1.03053
4300	4.3356	0.9819	1.0496	30.5960	5.0361	1.08273
4400	4.3518	0.9699	1.0546	30.7859	5.1091	1.04073
4500	4.3680	0.9579	1.0599	30.9777	5.1856	1.04639
4600	4.3838	0.9461	1.0655	31.1683	5.2612	1.05235
4700	4.3992	0.9344	1.0714	31.3556	5.3344	1.05860
4800	4.4141	0.9227	1.0775	31.5403	5.4060	1.06505
4900	4.4287	0.9112	1.0839	31.7231	5.4769	1.07168
5000	4.4437	0.8999	1.0903	31.9129	5.5554	1.07822
5100	4.4576	0.8887	1.0967	32.0921	5.6237	1.08818
5200	4.4709	0.8778	1.1032	32.2649	5.6867	1.09824
5300	4.4836	0.8669	1.1097	32.4319	5.7452	1.09841
5400	4.4958	0.8553	1.1161	32.5945	5.8000	1.10502
5500	4.5076	0.8459	1.1224	32.7526	5.8514	1.11149
5600	4.5192	0.8357	1.1285	32.9095	5.9025	1.11787
5700	4.5308	0.8257	1.1346	33.0678	5.9556	1.12409
5800	4.5424	0.8159	1.1405	33.2277	6.0116	1.13016
5900	4.5541	0.8063	1.1462	33.3909	6.0715	1.13610
6000	4.5660	0.7969	1.1518	33.5579	6.1357	1.14193
6100	4.5744	0.7874	1.1573	33.6774	6.1528	1.14767
6200	4.5847	0.7782	1.1628	33.8232	6.1985	1.15333
6300	4.5949	0.7692	1.1683	33.9691	6.2450	1.15899
6400	4.6050	0.7604	1.1738	34.1157	6.2924	1.16463
6500	4.6151	0.7516	1.1793	34.2628	6.3417	1.17031
6600	4.6253	0.7429	1.1850	34.4115	6.3934	1.17610
6700	4.6355	0.7343	1.1907	34.5621	6.4475	1.18199
6800	4.6458	0.7257	1.1966	34.7161	6.5052	1.18805

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6900	4.6562	0.7171	1.2027	34.8725	6.5664	1.19431
7000	4.6668	0.7086	1.2091	35.0334	6.6322	1.20082
7100	4.6775	0.7000	1.2158	35.1976	6.7023	1.20760
7200	4.6884	0.6915	1.2227	35.3669	6.7773	1.21469
7300	4.6995	0.6829	1.2301	35.5412	6.8576	1.22216
7400	4.7108	0.6743	1.2378	35.7217	6.9439	1.23001
7500	4.7224	0.6656	1.2459	35.9076	7.0357	1.23825
7600	4.7342	0.6568	1.2546	36.0999	7.1342	1.24700
7700	4.7462	0.6480	1.2637	36.2980	7.2387	1.25618
7800	4.7584	0.6391	1.2733	36.5036	7.3499	1.26591
7900	4.7708	0.6301	1.2835	36.7163	7.4682	1.27618
8000	4.7835	0.6210	1.2942	36.9362	7.5936	1.28703
8100	4.7964	0.6119	1.3055	37.1635	7.7258	1.29845
8200	4.8095	0.6026	1.3175	37.3983	7.8651	1.31047
8300	4.8228	0.5932	1.3300	37.6405	8.0110	1.32308
8400	4.8362	0.5837	1.3432	37.8904	8.1643	1.33634
8500	4.8498	0.5741	1.3570	38.1484	8.3247	1.35026
8600	4.8635	0.5645	1.3714	38.4136	8.4911	1.36477
8700	4.8772	0.5547	1.3864	38.6846	8.6630	1.37984
8800	4.8910	0.5449	1.4020	38.9628	8.8414	1.39555
8900	4.9049	0.5350	1.4183	39.2480	9.0257	1.41188
9000	4.9187	0.5250	1.4351	39.5387	9.2144	1.42873
9100	4.9325	0.5150	1.4524	39.8353	9.4082	1.44617
9200	4.9463	0.5050	1.4702	40.1358	9.6049	1.46402
9300	4.9599	0.4950	1.4884	40.4397	9.8036	1.48224
9400	4.9734	0.4849	1.5069	40.7473	10.0053	1.50090
9500	4.9867	0.4749	1.5259	41.0581	10.2092	1.51993
9600	4.9998	0.4649	1.5451	41.3696	10.4127	1.53916
9700	5.0127	0.4550	1.5643	41.6805	10.6148	1.55850
9800	5.0253	0.4452	1.5838	41.9919	10.8164	1.57801
9900	5.0376	0.4355	1.6032	42.3010	11.0147	1.59748
10000	5.0496	0.4260	1.6224	42.6067	11.2086	1.61682
10100	5.0612	0.4165	1.6416	42.9101	11.3994	1.63611
10200	5.0725	0.4073	1.6606	43.2081	11.5843	1.65511
10300	5.0834	0.3982	1.6793	43.5018	11.7641	1.67391
10400	5.0939	0.3893	1.6976	43.7890	11.9368	1.69230
10500	5.1040	0.3806	1.7154	44.0684	12.1014	1.71019
10600	5.1138	0.3721	1.7328	44.3418	12.2592	1.72770
10700	5.1231	0.3638	1.7496	44.6066	12.4083	1.74462
10800	5.1320	0.3558	1.7658	44.8628	12.5482	1.76092
10900	5.1406	0.3479	1.7815	45.1114	12.6806	1.77671
11000	5.1487	0.3403	1.7965	45.3509	12.8037	1.79182
11100	5.1565	0.3330	1.8108	45.5813	12.9178	1.80627
11200	5.1640	0.3258	1.8245	45.8040	13.0242	1.82014
11300	5.1710	0.3188	1.8375	46.0166	13.1208	1.83323
11400	5.1778	0.3121	1.8499	46.2219	13.2100	1.84577
11500	5.1843	0.3055	1.8617	46.4202	13.2925	1.85776
11600	5.1905	0.2992	1.8728	46.6092	13.3662	1.86903
11700	5.1964	0.2930	1.8834	46.7919	13.4338	1.87979
11800	5.2020	0.2870	1.8934	46.9674	13.4948	1.88998
11900	5.2075	0.2812	1.9029	47.1371	13.5503	1.89971
12000	5.2127	0.2755	1.9118	47.2997	13.5993	1.90885
12100	5.2177	0.2700	1.9204	47.4572	13.6438	1.91759
12200	5.2226	0.2646	1.9284	47.6094	13.6836	1.92589
12300	5.2273	0.2593	1.9361	47.7574	13.7197	1.93385

LOG P= 2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12400	5.2318	0.2542	1.9434	47.9003	13.7512	1.94137
12500	5.2362	0.2491	1.9504	48.0397	13.7801	1.94862
12600	5.2404	0.2442	1.9570	48.1753	13.8058	1.95555
12700	5.2446	0.2393	1.9634	48.3076	13.8288	1.96221
12800	5.2486	0.2346	1.9694	48.4370	13.8496	1.96860
12900	5.2526	0.2299	1.9753	48.5642	13.8690	1.97484
13000	5.2565	0.2253	1.9810	48.6890	13.8867	1.98088
13100	5.2604	0.2208	1.9865	48.8118	13.9031	1.98675
13200	5.2642	0.2163	1.9919	48.9329	13.9184	1.99248
13300	5.2679	0.2119	1.9971	49.0526	13.9329	1.99809
13400	5.2716	0.2075	2.0022	49.1713	13.9472	2.00362
13500	5.2752	0.2032	2.0071	49.2887	13.9608	2.00906
13600	5.2789	0.1990	2.0121	49.4056	13.9747	2.01447
13700	5.2825	0.1947	2.0169	49.5218	13.9884	2.01983
13800	5.2861	0.1905	2.0218	49.6376	14.0024	2.02516
13900	5.2897	0.1864	2.0266	49.7535	14.0172	2.03051
14000	5.2933	0.1822	2.0313	49.8697	14.0329	2.03583
14100	5.2968	0.1781	2.0361	49.9845	14.0478	2.04120
14200	5.3004	0.1740	2.0409	50.1004	14.0644	2.04660
14300	5.3040	0.1700	2.0457	50.2165	14.0817	2.05204
14400	5.3076	0.1659	2.0505	50.3330	14.1000	2.05753
14500	5.3112	0.1619	2.0554	50.4500	14.1193	2.06309
14600	5.3148	0.1579	2.0603	50.5676	14.1399	2.06871
14700	5.3184	0.1539	2.0652	50.6860	14.1615	2.07444
14800	5.3221	0.1499	2.0703	50.8050	14.1846	2.08024
14900	5.3258	0.1459	2.0754	50.9250	14.2090	2.08616
15000	5.3294	0.1419	2.0805	51.0459	14.2347	2.09218

LOG P= 2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.6153	2.5072	0.8516	16.1164	2.0617	1.00000
300	2.9750	2.2437	1.0357	18.2936	3.1469	1.00000
400	3.1268	2.1017	1.0778	19.4267	3.3479	1.00000
500	3.2396	2.0014	1.0865	20.3061	3.4724	1.00000
600	3.3253	1.9224	1.0859	20.9960	3.5248	1.00000
700	3.3988	1.8568	1.0826	21.5977	3.5786	1.00000
800	3.4605	1.8016	1.0758	22.1053	3.6090	1.00000
900	3.5160	1.7514	1.0734	22.5734	3.6455	1.00000
1000	3.5666	1.7074	1.0690	23.0056	3.6865	1.00000
1100	3.6122	1.6678	1.0646	23.4024	3.7225	1.00000
1200	3.6541	1.6316	1.0607	23.7585	3.7579	1.00000
1300	3.6928	1.5983	1.0571	24.0834	3.7921	1.00000
1400	3.7287	1.5676	1.0536	24.3966	3.8242	1.00000
1500	3.7620	1.5390	1.0504	24.7028	3.8543	0.99994
1600	3.7935	1.5121	1.0475	24.9825	3.8846	0.99993
1700	3.8233	1.4869	1.0450	25.2489	3.9163	0.99992
1800	3.8513	1.4630	1.0427	25.5036	3.9445	0.99990
1900	3.8781	1.4404	1.0406	25.7480	3.9749	0.99989
2000	3.9037	1.4189	1.0387	25.9832	4.0057	0.99989
2100	3.9282	1.3984	1.0370	26.2100	4.0360	0.99989
2200	3.9517	1.3789	1.0353	26.4288	4.0670	0.99990
2300	3.9742	1.3602	1.0338	26.6406	4.0969	0.99992
2400	3.9959	1.3423	1.0325	26.8463	4.1273	0.99997
2500	4.0170	1.3251	1.0313	27.0469	4.1592	1.00006

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H/R (handwritten margin notes):
10847 - 2600
11401 - 2700
/6 ,1917 - 2800
21 ,1441
42 ,1983
46 ,3531

H/R	T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
	2600	4.0373	1.3085	1.0302	27.2426	4.1912	1.00018
	2700	4.0570	1.2925	1.0292	27.4335	4.2228	1.00036
	2800	4.0762	1.2771	1.0285	27.6205	4.2561	1.00063
	2900	4.0948	1.2621	1.0279	27.8042	4.2899	1.00100
	3000	4.1134	1.2475	1.0275	27.9881	4.3275	1.00150
	3100	4.1313	1.2334	1.0273	28.1676	4.3649	1.00214
	3200	4.1490	1.2196	1.0273	28.3462	4.4040	1.00298
	3300	4.1664	1.2061	1.0276	28.5239	4.4454	1.00402
	3400	4.1836	1.1929	1.0281	28.7005	4.4892	1.00531
	3500	4.2004	1.1799	1.0290	28.8753	4.5327	1.01502
	3600	4.2172	1.1672	1.0302	29.0507	4.5800	1.00872
	3700	4.2339	1.1546	1.0318	29.2285	4.6312	1.01091
	3800	4.2507	1.1422	1.0338	29.4078	4.6869	1.01344
	3900	4.2672	1.1299	1.0361	29.5878	4.7443	1.01635
	4000	4.2835	1.1178	1.0389	29.7667	4.8019	1.01963
	4100	4.2996	1.1057	1.0421	29.9460	4.8621	1.02332
	4200	4.3157	1.0938	1.0457	30.1273	4.9253	1.02740
	4300	4.3317	1.0819	1.0497	30.3099	4.9918	1.06517
	4400	4.3476	1.0701	1.0541	30.4939	5.0599	1.03669
	4500	4.3635	1.0584	1.0588	30.6799	5.1318	1.04188
	4600	4.3790	1.0467	1.0639	30.8648	5.2029	1.04738
	4700	4.3941	1.0352	1.0693	31.0467	5.2720	1.05317
	4800	4.4088	1.0238	1.0749	31.2264	5.3399	1.05919
	4900	4.4232	1.0125	1.0808	31.4046	5.4076	1.06541
	5000	4.4380	1.0013	1.0868	31.5903	5.4834	1.07160
	5100	4.4518	0.9903	1.0929	31.7660	5.5497	1.07298
	5200	4.4650	0.9794	1.0990	31.9356	5.6110	1.08624
	5300	4.4777	0.9687	1.1052	32.1000	5.6683	1.09097
	5400	4.4900	0.9582	1.1113	32.2604	5.7223	1.09741
	5500	4.5018	0.9479	1.1174	32.4167	5.7734	1.10375
	5600	4.5134	0.9377	1.1234	32.5722	5.8244	1.11004
	5700	4.5251	0.9277	1.1294	32.7294	5.8777	1.11620
	5800	4.5368	0.9179	1.1352	32.8883	5.9342	1.12224
	5900	4.5486	0.9083	1.1409	33.0509	5.9948	1.12817
	6000	4.5606	0.8989	1.1464	33.2176	6.0600	1.13399
	6100	4.5689	0.8894	1.1518	33.3343	6.0755	1.13973
	6200	4.5792	0.8803	1.1573	33.4781	6.1206	1.14538
	6300	4.5893	0.8713	1.1627	33.5218	6.1661	1.15100
	6400	4.5994	0.8625	1.1681	33.7657	6.2120	1.15660
	6500	4.6094	0.8537	1.1735	33.9095	6.2593	1.16220
	6600	4.6195	0.8451	1.1790	34.0543	6.3083	1.15749
	6700	4.6295	0.8365	1.1846	34.2003	6.3593	1.17363
	6800	4.6396	0.8280	1.1902	34.3491	6.4130	1.17949
	6900	4.6497	0.8195	1.1961	34.4996	6.4697	1.18552
	7000	4.6600	0.8111	1.2022	34.6538	6.5301	1.19175
	7100	4.6704	0.8027	1.2085	34.8105	6.5942	1.19820
	7200	4.6810	0.7942	1.2150	34.9716	6.6625	1.20490
	7300	4.6917	0.7859	1.2219	35.1368	6.7354	1.21192
	7400	4.7026	0.7773	1.2291	35.3074	6.8136	1.21926
	7500	4.7137	0.7688	1.2366	35.4826	6.8965	1.22695
	7600	4.7250	0.7603	1.2446	35.6634	6.9853	1.23506
	7700	4.7365	0.7517	1.2530	35.8491	7.0795	1.24356
	7800	4.7482	0.7431	1.2618	36.0416	7.1797	1.25254
	7900	4.7601	0.7343	1.2711	36.2402	7.2862	1.26200
	8000	4.7723	0.7255	1.2810	36.4453	7.3993	1.27198

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8100	4.7846	0.7166	1.2914	36.6572	7.5184	1.28246
8200	4.7971	0.7076	1.3023	36.8757	7.6442	1.29349
8300	4.8098	0.6986	1.3137	37.1010	7.7760	1.30506
8400	4.8227	0.6894	1.3258	37.3335	7.9147	1.31723
8500	4.8358	0.6801	1.3385	37.5735	8.0602	1.33001
8600	4.8489	0.6708	1.3517	37.8204	8.2114	1.34333
8700	4.8621	0.6613	1.3655	38.0729	8.3681	1.35720
8800	4.8755	0.6518	1.3798	38.3323	8.5311	1.37169
8900	4.8889	0.6422	1.3948	38.5986	8.7003	1.38677
9000	4.9024	0.6326	1.4103	38.8708	8.8740	1.40238
9100	4.9158	0.6228	1.4264	39.1488	9.0532	1.41859
9200	4.9293	0.6131	1.4430	39.4316	9.2360	1.43522
9300	4.9426	0.6033	1.4605	39.7182	9.4216	1.45226
9400	4.9559	0.5935	1.4774	40.0093	9.6111	1.46981
9500	4.9691	0.5837	1.4953	40.3049	9.8039	1.48779
9600	4.9822	0.5739	1.5135	40.6023	9.9975	1.50606
9700	4.9950	0.5641	1.5319	40.9004	10.1912	1.52454
9800	5.0077	0.5544	1.5506	41.2006	10.3859	1.54330
9900	5.0201	0.5448	1.5693	41.5002	10.5789	1.56214
10000	5.0322	0.5353	1.5881	41.7981	10.7694	1.58098
10100	5.0441	0.5258	1.6069	42.0954	10.9586	1.59991
10200	5.0556	0.5165	1.6256	42.3892	11.1434	1.61869
10300	5.0669	0.5073	1.6442	42.6806	11.3252	1.63742
10400	5.0778	0.4983	1.6626	42.9671	11.5015	1.65588
10500	5.0883	0.4895	1.6806	43.2476	11.6714	1.67399
10600	5.0985	0.4808	1.6983	43.5239	11.8361	1.69185
10700	5.1083	0.4723	1.7157	43.7931	11.9936	1.70927
10800	5.1178	0.4641	1.7324	44.0551	12.1431	1.72617
10900	5.1268	0.4560	1.7488	44.3108	12.2863	1.74268
11000	5.1356	0.4481	1.7646	44.5584	12.4212	1.75850
11100	5.1439	0.4404	1.7798	44.7978	12.5475	1.77393
11200	5.1519	0.4330	1.7945	45.0301	12.6670	1.78876
11300	5.1595	0.4258	1.8084	45.2528	12.7766	1.80284
11400	5.1668	0.4187	1.8219	45.4685	12.8793	1.81641
11500	5.1738	0.4119	1.8348	45.6775	12.9752	1.82948
11600	5.1805	0.4052	1.8469	45.8771	13.0623	1.84180
11700	5.1869	0.3988	1.8585	46.0703	13.1429	1.85351
11800	5.1930	0.3925	1.8696	46.2560	13.2165	1.86484
11900	5.1989	0.3864	1.8801	46.4356	13.2842	1.87559
12000	5.2045	0.3805	1.8900	46.6075	13.3447	1.88571
12100	5.2099	0.3747	1.8995	46.7740	13.4003	1.89539
12200	5.2151	0.3691	1.9085	46.9347	13.4506	1.90460
12300	5.2201	0.3636	1.9170	47.0907	13.4966	1.91343
12400	5.2249	0.3583	1.9251	47.2407	13.5370	1.92175
12500	5.2296	0.3530	1.9328	47.3869	13.5744	1.92976
12600	5.2342	0.3479	1.9402	47.5286	13.6079	1.93740
12700	5.2386	0.3429	1.9472	47.6664	13.6380	1.94472
12800	5.2428	0.3380	1.9539	47.8006	13.6651	1.95172
12900	5.2470	0.3332	1.9603	47.9321	13.6902	1.95851
13000	5.2511	0.3285	1.9665	48.0607	13.7130	1.96505
13100	5.2551	0.3239	1.9724	48.1866	13.7337	1.97137
13200	5.2590	0.3193	1.9782	48.3103	13.7529	1.97750
13300	5.2628	0.3148	1.9837	48.4319	13.7705	1.98345
13400	5.2666	0.3104	1.9891	48.5521	13.7877	1.98929
13500	5.2703	0.3060	1.9944	48.6704	13.8034	1.99498

LOG P= 2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13600	5.2740	0.3017	1.9995	48.7879	13.8189	2.00059
13700	5.2777	0.2974	2.0046	48.9042	13.8339	2.00613
13800	5.2813	0.2932	2.0095	49.0195	13.8486	2.01158
13900	5.2849	0.2890	2.0144	49.1345	13.8635	2.01701
14000	5.2885	0.2848	2.0192	49.2492	13.8788	2.02238
14100	5.2920	0.2807	2.0240	49.3626	13.8934	2.02776
14200	5.2956	0.2766	2.0288	49.4763	13.9088	2.03313
14300	5.2991	0.2726	2.0335	49.5900	13.9248	2.03851
14400	5.3027	0.2685	2.0382	49.7038	13.9415	2.04391
14500	5.3062	0.2645	2.0430	49.8176	13.9588	2.04933
14600	5.3098	0.2605	2.0477	49.9317	13.9769	2.05479
14700	5.3133	0.2565	2.0525	50.0463	13.9961	2.06033
14800	5.3169	0.2526	2.0573	50.1613	14.0160	2.06591
14900	5.3205	0.2486	2.0622	50.2769	14.0372	2.07158
15000	5.3241	0.2447	2.0671	50.3931	14.0594	2.07732

LOG P= 2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.5913	2.5694	0.9306	15.7970	1.9509	1.00000
300	2.9702	2.3282	1.0729	18.0166	3.1120	1.00000
400	3.1244	2.1897	1.1083	19.1560	3.3291	1.00000
500	3.2397	2.0935	1.1138	20.0537	3.4729	1.00000
600	3.3258	2.0128	1.1102	20.7474	3.5290	1.00000
700	3.4000	1.9480	1.1047	21.3560	3.5887	1.00000
800	3.4618	1.8930	1.0971	21.8661	3.6198	1.00000
900	3.5169	1.8437	1.0926	22.3319	3.6533	1.00000
1000	3.5681	1.8001	1.0871	22.7698	3.6990	1.00000
1100	3.6136	1.7611	1.0812	23.1674	3.7345	1.00000
1200	3.6555	1.7254	1.0761	23.5243	3.7696	1.00000
1300	3.6941	1.6925	1.0715	23.8501	3.8037	1.00000
1400	3.7300	1.6620	1.0673	24.1642	3.8359	1.00000
1500	3.7633	1.6336	1.0634	24.4711	3.8659	0.99993
1600	3.7947	1.6070	1.0598	24.7511	3.8958	0.99992
1700	3.8245	1.5820	1.0566	25.0177	3.9270	0.99990
1800	3.8524	1.5584	1.0537	25.2726	3.9548	0.99989
1900	3.8792	1.5360	1.0510	25.5171	3.9847	0.99998
2000	3.9047	1.5148	1.0486	25.7525	4.0152	0.99997
2100	3.9292	1.4945	1.0464	25.9794	4.0452	0.99987
2200	3.9526	1.4751	1.0444	26.1983	4.0758	0.99988
2300	3.9751	1.4566	1.0425	26.4101	4.1053	0.99989
2400	3.9967	1.4388	1.0408	26.6156	4.1353	0.99993
2500	4.0177	1.4217	1.0392	26.8161	4.1668	1.00001
2600	4.0380	1.4053	1.0379	27.0115	4.1982	1.00011
2700	4.0576	1.3894	1.0366	27.2019	4.2290	1.00028
2800	4.0767	1.3741	1.0355	27.3883	4.2615	1.00052
2900	4.0953	1.3592	1.0346	27.5712	4.2942	1.00084
3000	4.1137	1.3448	1.0339	27.7539	4.3306	1.00129
3100	4.1315	1.3308	1.0334	27.9321	4.3666	1.00186
3200	4.1490	1.3171	1.0331	28.1091	4.4040	1.00260
3300	4.1662	1.3037	1.0331	28.2846	4.4434	1.00353
3400	4.1832	1.2907	1.0333	28.4589	4.4848	1.00468
3500	4.1998	1.2779	1.0339	28.6308	4.5257	1.00603
3600	4.2162	1.2653	1.0347	28.8030	4.5700	1.00773
3700	4.2326	1.2529	1.0359	28.9770	4.6178	1.00968

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3800	4.2491	1.2406	1.0375	29.1524	4.6699	1.01196
3900	4.2653	1.2286	1.0394	29.3279	4.7233	1.01457
4000	4.2812	1.2166	1.0417	29.5019	4.7766	1.01753
4100	4.2969	1.2047	1.0444	29.6761	4.8322	1.02085
4200	4.3126	1.1930	1.0475	29.8520	4.8909	1.02455
4300	4.3283	1.1813	1.0510	30.0291	4.9528	1.03353
4400	4.3438	1.1698	1.0549	30.2075	5.0162	1.03299
4500	4.3594	1.1583	1.0591	30.3879	5.0836	1.03774
4600	4.3746	1.1469	1.0636	30.5673	5.1503	1.04279
4700	4.3894	1.1356	1.0684	30.7439	5.2152	1.04813
4800	4.4038	1.1243	1.0735	30.9185	5.2793	1.05373
4900	4.4180	1.1132	1.0789	31.0919	5.3436	1.05953
5000	4.4327	1.1023	1.0844	31.2734	5.4164	1.06535
5100	4.4464	1.0914	1.0901	31.4452	5.4802	1.06772
5200	4.4595	1.0807	1.0958	31.6113	5.5394	1.07759
5300	4.4721	1.0701	1.1016	31.7726	5.5950	1.08379
5400	4.4843	1.0597	1.1075	31.9304	5.6477	1.09000
5500	4.4961	1.0494	1.1133	32.0845	5.6980	1.09616
5600	4.5078	1.0393	1.1191	32.2382	5.7486	1.10231
5700	4.5194	1.0294	1.1249	32.3938	5.8015	1.10837
5800	4.5312	1.0197	1.1306	32.5514	5.8582	1.11433
5900	4.5431	1.0101	1.1361	32.7130	5.9190	1.12020
6000	4.5552	1.0007	1.1416	32.8789	5.9847	1.12599
6100	4.5634	0.9913	1.1469	32.9934	5.9992	1.13170
6200	4.5737	0.9822	1.1523	33.1355	6.0438	1.13731
6300	4.5838	0.9732	1.1576	33.2770	6.0884	1.14291
6400	4.5939	0.9644	1.1629	33.4185	6.1332	1.14846
6500	4.6038	0.9557	1.1682	33.5594	6.1788	1.15400
6600	4.6137	0.9471	1.1735	33.7008	6.2257	1.15958
6700	4.6236	0.9386	1.1789	33.8430	6.2740	1.16521
6800	4.6335	0.9301	1.1844	33.9872	6.3244	1.17091
6900	4.6435	0.9217	1.1900	34.1325	6.3773	1.17674
7000	4.6535	0.9134	1.1958	34.2808	6.4332	1.18273
7100	4.6637	0.9051	1.2018	34.4310	6.4922	1.18889
7200	4.6739	0.8968	1.2079	34.5849	6.5548	1.19526
7300	4.6843	0.8885	1.2144	34.7421	6.6213	1.20191
7400	4.6948	0.8802	1.2211	34.9040	6.6922	1.20881
7500	4.7055	0.8718	1.2281	35.0697	6.7674	1.21601
7600	4.7164	0.8635	1.2355	35.2402	6.8477	1.22357
7700	4.7274	0.8551	1.2433	35.4150	6.9327	1.23148
7800	4.7386	0.8466	1.2514	35.5957	7.0231	1.23979
7900	4.7501	0.8381	1.2600	35.7818	7.1192	1.24854
8000	4.7617	0.8296	1.2691	35.9736	7.2211	1.25774
8100	4.7735	0.8209	1.2786	36.1714	7.3285	1.26740
8200	4.7855	0.8122	1.2886	36.3752	7.4419	1.27753
8300	4.7976	0.8034	1.2990	36.5851	7.5608	1.28815
8400	4.8100	0.7946	1.3101	36.8017	7.6862	1.29933
8500	4.8225	0.7856	1.3217	37.0251	7.8179	1.31105
8600	4.8351	0.7766	1.3338	37.2549	7.9550	1.32329
8700	4.8479	0.7575	1.3464	37.4900	8.0973	1.33604
8800	4.8607	0.7582	1.3596	37.7317	8.2459	1.34937
8900	4.8737	0.7490	1.3734	37.9801	8.4004	1.36326
9000	4.8867	0.7396	1.3877	38.2343	8.5596	1.37767
9100	4.8998	0.7302	1.4025	38.4944	8.7244	1.39256
9200	4.9128	0.7207	1.4179	38.7594	8.8932	1.40811

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9300	4.9259	0.7112	1.4336	39.0288	9.0652	1.42398
9400	4.9389	0.7017	1.4499	39.3030	9.2417	1.44037
9500	4.9519	0.6921	1.4667	39.5822	9.4221	1.45722
9600	4.9647	0.6825	1.4838	39.8643	9.6045	1.47443
9700	4.9775	0.6729	1.5011	40.1480	9.7879	1.49191
9800	4.9901	0.6634	1.5189	40.4348	9.9735	1.50976
9900	5.0025	0.6539	1.5368	40.7225	10.1589	1.52778
10000	5.0147	0.6445	1.5548	41.0099	10.3432	1.54591
10100	5.0267	0.6351	1.5730	41.2983	10.5276	1.56424
10200	5.0384	0.6258	1.5913	41.5847	10.7095	1.58256
10300	5.0499	0.6166	1.6096	41.8705	10.8899	1.60096
10400	5.0610	0.6075	1.6277	42.1531	11.0664	1.61922
10500	5.0719	0.5986	1.6456	42.4314	11.2383	1.63726
10600	5.0825	0.5898	1.6635	42.7072	11.4067	1.65521
10700	5.0927	0.5812	1.6810	42.9775	11.5692	1.67284
10800	5.1025	0.5728	1.6981	43.2422	11.7253	1.69008
10900	5.1121	0.5645	1.7149	43.5019	11.8763	1.70704
11000	5.1213	0.5564	1.7313	43.7548	12.0200	1.72355
11100	5.1301	0.5485	1.7471	44.0006	12.1564	1.73954
11200	5.1387	0.5408	1.7626	44.2403	12.2867	1.75513
11300	5.1468	0.5333	1.7773	44.4711	12.4077	1.77003
11400	5.1546	0.5260	1.7916	44.6955	12.5225	1.78449
11500	5.1621	0.5189	1.8054	44.9139	12.6308	1.79850
11600	5.1693	0.5120	1.8186	45.1230	12.7302	1.81178
11700	5.1762	0.5052	1.8312	45.3261	12.8235	1.82460
11800	5.1828	0.4987	1.8432	45.5217	12.9097	1.83685
11900	5.1892	0.4923	1.8548	45.7113	12.9901	1.84863
12000	5.1952	0.4861	1.8657	45.8928	13.0626	1.85974
12100	5.2011	0.4801	1.8761	46.0689	13.1300	1.87042
12200	5.2067	0.4742	1.8861	46.2387	13.1915	1.88060
12300	5.2121	0.4685	1.8956	46.4035	13.2484	1.89036
12400	5.2172	0.4529	1.9045	46.5617	13.2991	1.89957
12500	5.2223	0.4575	1.9131	46.7157	13.3460	1.90845
12600	5.2271	0.4522	1.9213	46.8646	13.3885	1.91690
12700	5.2318	0.4470	1.9290	47.0090	13.4269	1.92497
12800	5.2363	0.4419	1.9364	47.1493	13.4617	1.93269
12900	5.2407	0.4370	1.9435	47.2864	13.4939	1.94016
13000	5.2450	0.4321	1.9504	47.4200	13.5230	1.94731
13100	5.2492	0.4273	1.9569	47.5503	13.5498	1.95420
13200	5.2533	0.4226	1.9631	47.6778	13.5740	1.96084
13300	5.2573	0.4180	1.9691	47.8026	13.5965	1.96727
13400	5.2612	0.4135	1.9750	47.9257	13.6175	1.97352
13500	5.2650	0.4090	1.9805	48.0462	13.6366	1.97958
13600	5.2688	0.4046	1.9860	48.1654	13.6551	1.98552
13700	5.2726	0.4003	1.9913	48.2829	13.6726	1.99134
13800	5.2763	0.3960	1.9965	48.3990	13.6891	1.99702
13900	5.2799	0.3917	2.0016	48.5144	13.7056	2.00266
14000	5.2835	0.3876	2.0066	48.6290	13.7220	2.00818
14100	5.2871	0.3834	2.0115	48.7419	13.7372	2.01368
14200	5.2907	0.3793	2.0163	48.8547	13.7528	2.01913
14300	5.2942	0.3752	2.0211	48.9672	13.7688	2.02455
14400	5.2978	0.3712	2.0259	49.0792	13.7848	2.02995
14500	5.3013	0.3672	2.0306	49.1910	13.8012	2.03534
14600	5.3048	0.3632	2.0353	49.3027	13.8179	2.04075
14700	5.3083	0.3592	2.0400	49.4147	13.8357	2.04620

LOG P= 2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14800	5.3118	0.3553	2.0447	49.5267	13.8536	2.05165
14900	5.3153	0.3513	2.0494	49.6389	13.8726	2.05717
15000	5.3189	0.3474	2.0541	49.7516	13.8924	2.06273

LOG P= 2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.9677	2.4059	1.1303	17.7450	3.0945	1.00000
400	3.1222	2.2737	1.1487	18.8803	3.3122	1.00000
500	3.2404	2.1756	1.1503	19.7986	3.4786	1.00000
600	3.3270	2.1006	1.1416	20.4978	3.5383	1.00000
700	3.4015	2.0370	1.1331	21.1110	3.6011	1.00000
800	3.4635	1.9824	1.1245	21.6251	3.6345	1.00000
900	3.5182	1.9341	1.1168	22.0887	3.6644	1.00000
1000	3.5699	1.8911	1.1097	22.5324	3.7143	1.00000
1100	3.6154	1.8526	1.1025	22.9318	3.7502	1.00000
1200	3.6572	1.8175	1.0958	23.2896	3.7849	1.00000
1300	3.6958	1.7851	1.0898	23.5162	3.8186	1.00000
1400	3.7316	1.7550	1.0845	23.9312	3.8505	1.00000
1500	3.7649	1.7270	1.0797	24.2387	3.8802	0.99992
1600	3.7963	1.7008	1.0752	24.5193	3.9097	0.99990
1700	3.8260	1.6761	1.0712	24.7863	3.9405	0.99989
1800	3.8538	1.6528	1.0675	25.0414	3.9677	0.99987
1900	3.8805	1.6306	1.0642	25.2861	3.9972	0.99986
2000	3.9060	1.6096	1.0611	25.5216	4.0272	0.99985
2100	3.9304	1.5896	1.0583	25.7487	4.0568	0.99984
2200	3.9538	1.5704	1.0558	25.9677	4.0870	0.99985
2300	3.9762	1.5521	1.0534	26.1796	4.1161	0.99986
2400	3.9978	1.5345	1.0512	26.3851	4.1456	0.99989
2500	4.0187	1.5176	1.0492	26.5854	4.1764	0.99996
2600	4.0390	1.5013	1.0474	26.7805	4.2072	1.00005
2700	4.0585	1.4856	1.0458	26.9706	4.2374	1.00019
2800	4.0775	1.4704	1.0444	27.1564	4.2689	1.00040
2900	4.0959	1.4557	1.0431	27.3385	4.3007	1.00069
3000	4.1142	1.4414	1.0421	27.5203	4.3359	1.00108
3100	4.1319	1.4275	1.0412	27.6973	4.3706	1.00159
3200	4.1492	1.4140	1.0406	27.8727	4.4063	1.00225
3300	4.1663	1.4007	1.0403	28.0465	4.4440	1.00309
3400	4.1831	1.3878	1.0402	28.2186	4.4832	1.00411
3500	4.1994	1.3752	1.0403	28.3880	4.5217	1.00372
3600	4.2156	1.3628	1.0408	28.5572	4.5632	1.00683
3700	4.2317	1.3505	1.0416	28.7280	4.6079	1.00858
3800	4.2479	1.3385	1.0427	28.8997	4.6565	1.01062
3900	4.2638	1.3266	1.0442	29.0712	4.7064	1.01297
4000	4.2793	1.3148	1.0460	29.2407	4.7557	1.01563
4100	4.2947	1.3032	1.0482	29.4100	4.8072	1.01862
4200	4.3100	1.2916	1.0508	29.5810	4.8615	1.02196
4300	4.3253	1.2802	1.0538	29.7530	4.9190	1.02234
4400	4.3405	1.2688	1.0571	29.9263	4.9781	1.02962
4500	4.3557	1.2576	1.0608	30.1014	5.0411	1.03395
4600	4.3706	1.2464	1.0647	30.2755	5.1035	1.03857
4700	4.3851	1.2353	1.0690	30.4469	5.1643	1.04348
4800	4.3993	1.2243	1.0736	30.6165	5.2245	1.04865
4900	4.4133	1.2134	1.0784	30.7851	5.2852	1.05403
5000	4.4277	1.2026	1.0834	30.9621	5.3548	1.05947

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5100	4.4412	1.1920	1.0886	31.1299	5.4157	1.06493
5200	4.4542	1.1814	1.0939	31.2923	5.4724	1.07100
5300	4.4667	1.1710	1.0994	31.4501	5.5259	1.07691
5400	4.4788	1.1607	1.1049	31.6050	5.5770	1.08285
5500	4.4906	1.1506	1.1104	31.7565	5.6261	1.08878
5600	4.5022	1.1406	1.1159	31.9081	5.6758	1.09474
5700	4.5139	1.1308	1.1214	32.0618	5.7282	1.10065
5800	4.5257	1.1211	1.1268	32.2176	5.7842	1.10649
5900	4.5376	1.1116	1.1323	32.3776	5.8448	1.11227
6000	4.5498	1.1023	1.1376	32.5422	5.9104	1.11798
6100	4.5580	1.0929	1.1427	32.6548	5.9242	1.12363
6200	4.5582	1.0838	1.1479	32.7952	5.9683	1.12919
6300	4.5784	1.0749	1.1531	32.9348	6.0122	1.13474
6400	4.5884	1.0661	1.1583	33.0740	6.0559	1.14022
6500	4.5983	1.0575	1.1635	33.2124	6.1002	1.14570
6600	4.6081	1.0489	1.1687	33.3508	6.1453	1.15120
6700	4.6179	1.0404	1.1739	33.4896	6.1914	1.15671
6800	4.6276	1.0320	1.1792	33.6298	6.2392	1.16229
6900	4.6374	1.0237	1.1846	33.7706	6.2888	1.16795
7000	4.6473	1.0154	1.1902	33.9139	6.3410	1.17373
7100	4.6571	1.0072	1.1958	34.0584	6.3956	1.17967
7200	4.6671	0.9990	1.2017	34.2059	6.4533	1.18575
7300	4.6772	0.9908	1.2077	34.3563	6.5142	1.19206
7400	4.6874	0.9827	1.2141	34.5104	6.5789	1.19860
7500	4.6977	0.9745	1.2206	34.6678	6.6473	1.20537
7600	4.7082	0.9663	1.2275	34.8292	6.7202	1.21246
7700	4.7188	0.9581	1.2346	34.9942	6.7972	1.21984
7800	4.7296	0.9499	1.2422	35.1644	6.8789	1.22758
7900	4.7406	0.9416	1.2501	35.3393	6.9655	1.23569
8000	4.7517	0.9332	1.2584	35.5190	7.0575	1.24420
8100	4.7631	0.9248	1.2671	35.7042	7.1544	1.25311
8200	4.7746	0.9164	1.2763	35.8947	7.2566	1.26244
8300	4.7862	0.9079	1.2859	36.0907	7.3640	1.27222
8400	4.7980	0.8993	1.2960	36.2926	7.4772	1.28249
8500	4.8100	0.8906	1.3066	36.5008	7.5962	1.29326
8600	4.8221	0.8818	1.3176	36.7149	7.7203	1.30450
8700	4.8343	0.8730	1.3292	36.9340	7.8493	1.31621
8800	4.8467	0.8541	1.3413	37.1591	7.9842	1.32846
8900	4.8592	0.8552	1.3539	37.3905	8.1248	1.34124
9000	4.8719	0.8461	1.3670	37.6275	8.2700	1.35451
9100	4.8844	0.8370	1.3807	37.8704	8.4208	1.36833
9200	4.8971	0.8278	1.3949	38.1181	8.5757	1.38261
9300	4.9097	0.8186	1.4094	38.3705	8.7342	1.39732
9400	4.9224	0.8093	1.4245	38.6278	8.8974	1.41255
9500	4.9351	0.8000	1.4401	38.8903	9.0648	1.42825
9600	4.9477	0.7907	1.4561	39.1565	9.2352	1.44435
9700	4.9602	0.7814	1.4724	39.4250	9.4073	1.46077
9800	4.9727	0.7720	1.4891	39.6974	9.5823	1.47752
9900	4.9850	0.7527	1.5060	39.9715	9.7583	1.49470
10000	4.9971	0.7534	1.5232	40.2468	9.9344	1.51197
10100	5.0091	0.7441	1.5406	40.5241	10.1118	1.52954
10200	5.0209	0.7349	1.5581	40.8008	10.2879	1.54719
10300	5.0325	0.7258	1.5759	41.0782	10.4642	1.56503
10400	5.0439	0.7157	1.5935	41.3539	10.6379	1.58285
10500	5.0550	0.7078	1.6112	41.6269	10.8086	1.60059

LOG P= 2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10600	5.0658	0.5990	1.6288	41.8990	10.9772	1.61834
10700	5.0763	0.5903	1.6462	42.1670	11.1415	1.63590
10800	5.0865	0.5817	1.6534	42.4310	11.3009	1.65321
10900	5.0965	0.5733	1.6804	42.6916	11.4567	1.67036
11000	5.1061	0.6651	1.6970	42.9468	11.6066	1.68718
11100	5.1154	0.5570	1.7133	43.1961	11.7502	1.70359
11200	5.1244	0.5491	1.7293	43.4406	11.8889	1.71972
11300	5.1330	0.5414	1.7446	43.6772	12.0192	1.73524
11400	5.1413	0.5338	1.7596	43.9084	12.1441	1.75042
11500	5.1493	0.5264	1.7742	44.1343	12.2634	1.76521
11600	5.1570	0.5193	1.7882	44.3516	12.3741	1.77934
11700	5.1644	0.5123	1.8017	44.5634	12.4791	1.79306
11800	5.1715	0.5055	1.8147	44.7680	12.5771	1.80624
11900	5.1783	0.5988	1.8272	44.9670	12.6695	1.81898
12000	5.1848	0.5924	1.8390	45.1576	12.7539	1.83105
12100	5.1911	0.5861	1.8504	45.3429	12.8330	1.84270
12200	5.1972	0.5800	1.8613	45.5218	12.9060	1.85384
12300	5.2030	0.5740	1.8718	45.6956	12.9742	1.86457
12400	5.2086	0.5682	1.8816	45.8624	13.0358	1.87471
12500	5.2140	0.5625	1.8911	46.0247	13.0930	1.88449
12600	5.2191	0.5570	1.9001	46.1816	13.1455	1.89381
12700	5.2242	0.5516	1.9087	46.3334	13.1933	1.90272
12800	5.2290	0.5463	1.9169	46.4807	13.2368	1.91124
12900	5.2337	0.5412	1.9248	46.6244	13.2774	1.91947
13000	5.2383	0.5361	1.9323	46.7640	13.3143	1.92735
13100	5.2427	0.5312	1.9395	46.8998	13.3479	1.93491
13200	5.2470	0.5263	1.9464	47.0323	13.3789	1.94217
13300	5.2512	0.5216	1.9529	47.1616	13.4071	1.94917
13400	5.2553	0.5169	1.9593	47.2887	13.4336	1.95597
13500	5.2593	0.5124	1.9654	47.4126	13.4575	1.96251
13600	5.2632	0.5078	1.9713	47.5348	13.4803	1.96890
13700	5.2671	0.5034	1.9770	47.6548	13.5015	1.97511
13800	5.2709	0.4990	1.9825	47.7729	13.5214	1.98114
13900	5.2747	0.4947	1.9880	47.8899	13.5406	1.98710
14000	5.2784	0.4905	1.9932	48.0054	13.5590	1.99289
14100	5.2820	0.4863	1.9983	48.1191	13.5763	1.99851
14200	5.2856	0.4821	2.0034	48.2323	13.5933	2.00426
14300	5.2892	0.4780	2.0083	48.3446	13.6101	2.00993
14400	5.2928	0.4739	2.0131	48.4561	13.6268	2.01534
14500	5.2963	0.4699	2.0179	48.5670	13.6433	2.02081
14600	5.2998	0.4659	2.0227	48.6774	13.6599	2.02626
14700	5.3033	0.4619	2.0274	48.7878	13.6770	2.03171
14800	5.3068	0.4579	2.0320	48.8978	13.6942	2.03715
14900	5.3103	0.4540	2.0367	49.0078	13.7118	2.04261
15000	5.3138	0.4501	2.0414	49.1180	13.7303	2.04809

LOG P= 2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.9694	2.4742	1.2124	17.4870	3.1067	1.00000
400	3.1214	2.3528	1.2054	18.6033	3.3062	1.00000
500	3.2417	2.2591	1.1966	19.5395	3.4890	1.00000
600	3.3289	2.1853	1.1830	20.2463	3.5545	1.00000
700	3.4035	2.1232	1.1694	20.8624	3.6174	1.00000
800	3.4656	2.0695	1.1579	21.3804	3.6522	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
900	3.5201	2.0224	1.1474	21.8442	3.6805	1.00000
1000	3.5721	1.9801	1.1384	22.2928	3.7234	1.00000
1100	3.6178	1.9421	1.1295	22.6950	3.7702	1.00000
1200	3.6595	1.9076	1.1209	23.0546	3.8049	1.00000
1300	3.6981	1.8759	1.1132	23.3822	3.8381	1.00000
1400	3.7338	1.8464	1.1062	23.6978	3.8693	1.00000
1500	3.7670	1.8189	1.1001	24.0059	3.8983	0.99991
1600	3.7982	1.7930	1.0946	24.2871	3.9273	0.99988
1700	3.8279	1.7687	1.0895	24.5546	3.9575	0.99987
1800	3.8556	1.7458	1.0848	24.8102	3.9842	0.99985
1900	3.8822	1.7240	1.0806	25.0551	4.0130	0.99984
2000	3.9077	1.7033	1.0767	25.2907	4.0424	0.99982
2100	3.9320	1.6835	1.0732	25.5179	4.0713	0.99981
2200	3.9553	1.6646	1.0699	25.7370	4.1010	0.99981
2300	3.9776	1.6465	1.0670	25.9489	4.1295	0.99982
2400	3.9992	1.6291	1.0643	26.1545	4.1585	0.99985
2500	4.0200	1.6124	1.0618	26.3547	4.1888	0.99990
2600	4.0402	1.5963	1.0595	26.5496	4.2189	0.99998
2700	4.0596	1.5808	1.0574	26.7394	4.2482	1.00011
2800	4.0785	1.5658	1.0555	26.9247	4.2790	1.00029
2900	4.0969	1.5512	1.0538	27.1062	4.3098	1.00055
3000	4.1150	1.5371	1.0523	27.2871	4.3438	1.00089
3100	4.1326	1.5234	1.0511	27.4630	4.3771	1.00135
3200	4.1497	1.5100	1.0501	27.6371	4.4114	1.00194
3300	4.1666	1.4970	1.0493	27.8093	4.4473	1.00268
3400	4.1832	1.4842	1.0488	27.9794	4.4845	1.00358
3500	4.1993	1.4717	1.0486	28.1466	4.5207	1.00459
3600	4.2152	1.4595	1.0486	28.3132	4.5596	1.00602
3700	4.2311	1.4474	1.0490	28.4810	4.6015	1.00759
3800	4.2470	1.4356	1.0497	28.6494	4.6473	1.00940
3900	4.2626	1.4239	1.0507	28.8172	4.6936	1.01152
4000	4.2778	1.4123	1.0521	28.9827	4.7393	1.01391
4100	4.2928	1.4009	1.0538	29.1477	4.7868	1.01660
4200	4.3078	1.3895	1.0559	29.3142	4.8371	1.01961
4300	4.3228	1.3783	1.0583	29.4815	4.8906	1.02290
4400	4.3377	1.3672	1.0611	29.6499	4.9456	1.02654
4500	4.3526	1.3562	1.0642	29.8201	5.0044	1.03049
4600	4.3671	1.3452	1.0676	29.9892	5.0626	1.03470
4700	4.3813	1.3344	1.0713	30.1557	5.1195	1.03919
4800	4.3952	1.3236	1.0753	30.3204	5.1757	1.04395
4900	4.4089	1.3130	1.0796	30.4843	5.2327	1.04893
5000	4.4232	1.3024	1.0840	30.6568	5.2990	1.05397
5100	4.4365	1.2919	1.0887	30.8203	5.3567	1.05991
5200	4.4493	1.2816	1.0936	30.9787	5.4107	1.06478
5300	4.4616	1.2713	1.0986	31.1329	5.4618	1.07036
5400	4.4736	1.2612	1.1037	31.2845	5.5107	1.07601
5500	4.4853	1.2512	1.1088	31.4333	5.5583	1.08168
5600	4.4969	1.2413	1.1140	31.5824	5.6058	1.08741
5700	4.5085	1.2316	1.1192	31.7337	5.6581	1.09312
5800	4.5203	1.2221	1.1244	31.8874	5.7131	1.09879
5900	4.5323	1.2127	1.1295	32.0455	5.7730	1.10443
6000	4.5444	1.2034	1.1347	32.2082	5.8380	1.11003
6100	4.5526	1.1941	1.1395	32.3192	5.8514	1.11559
6200	4.5629	1.1851	1.1446	32.4578	5.8948	1.12106
6300	4.5730	1.1762	1.1496	32.5955	5.9379	1.12653

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6400	4.5829	1.1675	1.1546	32.7326	5.9807	1.13195
6500	4.5928	1.1589	1.1597	32.8687	6.0239	1.13735
6600	4.6025	1.1504	1.1647	33.0043	6.0674	1.14276
6700	4.6122	1.1420	1.1698	33.1400	6.1116	1.14817
6800	4.6219	1.1336	1.1749	33.2767	6.1571	1.15362
6900	4.6315	1.1254	1.1800	33.4136	6.2040	1.15913
7000	4.6412	1.1172	1.1853	33.5524	6.2529	1.16474
7100	4.6509	1.1091	1.1907	33.6919	6.3038	1.17046
7200	4.6606	1.1010	1.1963	33.8338	6.3572	1.17630
7300	4.6704	1.0929	1.2020	33.9781	6.4135	1.18234
7400	4.6803	1.0849	1.2079	34.1255	6.4728	1.18855
7500	4.6903	1.0768	1.2140	34.2754	6.5353	1.19495
7600	4.7005	1.0688	1.2205	34.4288	6.6017	1.20164
7700	4.7107	1.0608	1.2271	34.5852	6.6716	1.20857
7800	4.7211	1.0527	1.2341	34.7461	6.7457	1.21580
7900	4.7317	1.0446	1.2414	34.9110	6.8241	1.22335
8000	4.7424	1.0365	1.2491	35.0801	6.9072	1.23126
8100	4.7532	1.0283	1.2571	35.2539	6.9946	1.23950
8200	4.7643	1.0201	1.2655	35.4324	7.0868	1.24812
8300	4.7754	1.0119	1.2743	35.6158	7.1838	1.25714
8400	4.7868	1.0035	1.2835	35.8045	7.2860	1.26660
8500	4.7983	0.9951	1.2932	35.9988	7.3934	1.27651
8600	4.8099	0.9866	1.3033	36.1986	7.5055	1.28684
8700	4.8216	0.9781	1.3139	36.4028	7.6224	1.29760
8800	4.8335	0.9695	1.3250	36.6126	7.7446	1.30886
8900	4.8455	0.9608	1.3365	36.8283	7.8722	1.32059
9000	4.8576	0.9520	1.3485	37.0493	8.0044	1.33281
9100	4.8698	0.9432	1.3611	37.2758	8.1418	1.34553
9200	4.8820	0.9343	1.3741	37.5071	8.2834	1.35870
9300	4.8942	0.9254	1.3875	37.7429	8.4287	1.37229
9400	4.9066	0.9165	1.4014	37.9838	8.5787	1.38639
9500	4.9189	0.9074	1.4158	38.2300	8.7333	1.40096
9600	4.9312	0.8983	1.4306	38.4801	8.8910	1.41593
9700	4.9435	0.8893	1.4458	38.7329	9.0511	1.43126
9800	4.9557	0.8801	1.4614	38.9902	9.2148	1.44704
9900	4.9678	0.8710	1.4773	39.2499	9.3800	1.46309
10000	4.9798	0.8619	1.4935	39.5115	9.5463	1.47940
10100	4.9918	0.8528	1.5100	39.7760	9.7149	1.49607
10200	5.0035	0.8438	1.5267	40.0410	9.8834	1.51290
10300	5.0151	0.8348	1.5436	40.3078	10.0530	1.52999
10400	5.0266	0.8258	1.5606	40.5743	10.2215	1.54718
10500	5.0377	0.8169	1.5777	40.8393	10.3883	1.56437
10600	5.0487	0.8081	1.5949	41.1048	10.5543	1.58170
10700	5.0595	0.7994	1.6119	41.3677	10.7175	1.59895
10800	5.0699	0.7908	1.6289	41.6281	10.8772	1.61607
10900	5.0802	0.7823	1.6458	41.8865	11.0347	1.63316
11000	5.0901	0.7740	1.6625	42.1409	11.1876	1.65002
11100	5.0998	0.7658	1.6789	42.3907	11.3355	1.66660
11200	5.1091	0.7577	1.6952	42.6371	11.4796	1.68301
11300	5.1182	0.7498	1.7109	42.8767	11.6166	1.69892
11400	5.1269	0.7421	1.7263	43.1120	11.7491	1.71457
11500	5.1354	0.7345	1.7415	43.3431	11.8769	1.72993
11600	5.1435	0.7271	1.7561	43.5663	11.9968	1.74472
11700	5.1514	0.7199	1.7703	43.7849	12.1118	1.75915
11800	5.1590	0.7129	1.7840	43.9968	12.2202	1.77311

LOG P= 2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11900	5.1663	0.7059	1.7974	44.2037	12.3236	1.78669
12000	5.1733	0.6993	1.8101	44.4026	12.4191	1.79963
12100	5.1800	0.6927	1.8224	44.5964	12.5094	1.81219
12200	5.1865	0.6863	1.8342	44.7840	12.5937	1.82425
12300	5.1929	0.6801	1.8456	44.9666	12.6732	1.83592
12400	5.1988	0.6741	1.8564	45.1421	12.7457	1.84699
12500	5.2046	0.6681	1.8668	45.3129	12.8139	1.85770
12600	5.2102	0.6524	1.8767	45.4781	12.8768	1.86794
12700	5.2156	0.6568	1.8862	45.6379	12.9346	1.87774
12800	5.2207	0.6513	1.8952	45.7929	12.9879	1.88712
12900	5.2258	0.6459	1.9039	45.9440	13.0377	1.89618
13000	5.2307	0.6407	1.9122	46.0905	13.0834	1.90487
13100	5.2354	0.6355	1.9201	46.2329	13.1252	1.91319
13200	5.2400	0.6305	1.9277	46.3714	13.1639	1.92117
13300	5.2444	0.6256	1.9350	46.5062	13.1992	1.92885
13400	5.2487	0.6208	1.9420	46.6384	13.2323	1.93630
13500	5.2530	0.6161	1.9486	46.7668	13.2622	1.94342
13600	5.2571	0.6114	1.9551	46.8932	13.2906	1.95037
13700	5.2611	0.6069	1.9613	47.0168	13.3169	1.95709
13800	5.2651	0.6024	1.9673	47.1381	13.3412	1.96359
13900	5.2690	0.5980	1.9731	47.2579	13.3644	1.96997
14000	5.2728	0.5936	1.9787	47.3756	13.3862	1.97614
14100	5.2765	0.5893	1.9842	47.4912	13.4067	1.98220
14200	5.2803	0.5851	1.9895	47.6058	13.4266	1.98815
14300	5.2839	0.5809	1.9947	47.7191	13.4454	1.99397
14400	5.2875	0.5768	1.9998	47.8312	13.4638	1.99972
14500	5.2911	0.5727	2.0047	47.9423	13.4818	2.00537
14600	5.2947	0.5587	2.0096	48.0526	13.4992	2.01096
14700	5.2982	0.5647	2.0144	48.1625	13.5170	2.01653
14800	5.3017	0.5607	2.0192	48.2716	13.5344	2.02205
14900	5.3052	0.5568	2.0239	48.3805	13.5521	2.02756
15000	5.3087	0.5529	2.0286	48.4891	13.5700	2.03305

LOG P= 2.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.9752	2.5351	1.3261	17.2365	3.1486	1.00000
400	3.1231	2.4256	1.2828	18.3297	3.3195	1.00000
500	3.2443	2.3375	1.2575	19.2780	3.5099	1.00000
600	3.3318	2.2662	1.2352	19.9917	3.5778	1.00000
700	3.4063	2.2063	1.2162	20.6115	3.6412	1.00000
800	3.4685	2.1541	1.2000	21.1329	3.6761	1.00000
900	3.5228	2.1081	1.1857	21.5987	3.7033	1.00000
1000	3.5747	2.0567	1.1739	22.0495	3.7561	1.00000
1100	3.6206	2.0294	1.1630	22.4559	3.7950	1.00000
1200	3.6624	1.9956	1.1525	22.8184	3.8305	1.00000
1300	3.7009	1.9646	1.1426	23.1477	3.8632	1.00000
1400	3.7365	1.9358	1.1335	23.4643	3.8934	1.00000
1500	3.7695	1.9089	1.1255	23.7728	3.9213	0.99989
1600	3.8006	1.8836	1.1184	24.0544	3.9492	0.99986
1700	3.8302	1.8598	1.1121	24.3224	3.9786	0.99985
1800	3.8578	1.8372	1.1064	24.5784	4.0047	0.99983
1900	3.8844	1.8158	1.1011	24.8238	4.0329	0.99980
2000	3.9097	1.7955	1.0963	25.0597	4.0615	0.99979
2100	3.9339	1.7760	1.0918	25.2870	4.0897	0.99978

LOG P= 2.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2200	3.9572	1.7575	1.0877	25.5063	4.1186	0.99977
2300	3.9794	1.7396	1.0840	25.7183	4.1464	0.99978
2400	4.0008	1.7225	1.0806	25.9239	4.1747	0.99980
2500	4.0216	1.7061	1.0774	26.1241	4.2043	0.99984
2600	4.0417	1.5902	1.0745	26.3188	4.2337	0.99991
2700	4.0610	1.5749	1.0718	26.5083	4.2622	1.00002
2800	4.0798	1.5601	1.0694	26.6932	4.2920	1.00018
2900	4.0981	1.5457	1.0672	26.8741	4.3219	1.00041
3000	4.1161	1.5318	1.0653	27.0543	4.3548	1.00071
3100	4.1335	1.5183	1.0636	27.2293	4.3868	1.00111
3200	4.1505	1.5051	1.0621	27.4022	4.4197	1.00164
3300	4.1673	1.5922	1.0609	27.5730	4.4539	1.00230
3400	4.1837	1.5797	1.0599	27.7414	4.4892	1.00311
3500	4.1995	1.5674	1.0592	27.9065	4.5233	1.00409
3600	4.2153	1.5553	1.0588	28.0708	4.5598	1.00528
3700	4.2309	1.5435	1.0587	28.2360	4.5992	1.00668
3800	4.2465	1.5319	1.0589	28.4014	4.6420	1.00828
3900	4.2618	1.5203	1.0594	28.5660	4.6853	1.01020
4000	4.2767	1.5089	1.0602	28.7278	4.7274	1.01235
4100	4.2914	1.4977	1.0614	28.8888	4.7713	1.01477
4200	4.3061	1.4866	1.0630	29.0511	4.8179	1.01748
4300	4.3208	1.4757	1.0648	29.2141	4.8676	1.02036
4400	4.3353	1.4648	1.0670	29.3781	4.9187	1.02375
4500	4.3499	1.4540	1.0696	29.5436	4.9735	1.02732
4600	4.3641	1.4433	1.0724	29.7081	5.0278	1.03116
4700	4.3780	1.4327	1.0756	29.8698	5.0807	1.03526
4800	4.3916	1.4221	1.0790	30.0298	5.1332	1.03961
4900	4.4051	1.4117	1.0827	30.1892	5.1865	1.04420
5000	4.4191	1.4014	1.0866	30.3572	5.2492	1.04885
5100	4.4322	1.3911	1.0908	30.5164	5.3037	1.05426
5200	4.4447	1.3809	1.0951	30.6708	5.3547	1.05893
5300	4.4569	1.3709	1.0996	30.8212	5.4031	1.06416
5400	4.4688	1.3610	1.1042	30.9695	5.4498	1.06950
5500	4.4804	1.3511	1.1089	31.1152	5.4955	1.07488
5600	4.4919	1.3414	1.1137	31.2615	5.5424	1.08035
5700	4.5035	1.3319	1.1185	31.4102	5.5922	1.08582
5800	4.5152	1.3225	1.1234	31.5614	5.6459	1.09130
5900	4.5271	1.3131	1.1283	31.7171	5.7045	1.09677
6000	4.5392	1.3040	1.1332	31.8777	5.7685	1.10221
6100	4.5474	1.2948	1.1375	31.9871	5.7813	1.10763
6200	4.5576	1.2859	1.1424	32.1237	5.8240	1.11299
6300	4.5677	1.2771	1.1472	32.2593	5.8663	1.11836
6400	4.5776	1.2685	1.1521	32.3943	5.9080	1.12367
6500	4.5874	1.2599	1.1569	32.5281	5.9500	1.12899
6600	4.5971	1.2515	1.1618	32.6613	5.9922	1.13429
6700	4.6067	1.2431	1.1666	32.7941	6.0347	1.13950
6800	4.6163	1.2349	1.1715	32.9278	6.0782	1.14493
6900	4.6258	1.2267	1.1765	33.0611	6.1228	1.15031
7000	4.6353	1.2186	1.1816	33.1960	6.1689	1.15576
7100	4.6448	1.2105	1.1867	33.3311	6.2167	1.16129
7200	4.6544	1.2025	1.1919	33.4682	6.2665	1.16692
7300	4.6639	1.1946	1.1974	33.6070	6.3186	1.17272
7400	4.6735	1.1867	1.2029	33.7484	6.3733	1.17865
7500	4.6833	1.1788	1.2087	33.8919	6.4306	1.18473
7600	4.6931	1.1709	1.2146	34.0382	6.4913	1.19106

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7700	4.7031	1.1530	1.2208	34.1870	6.5551	1.19759
7800	4.7131	1.1551	1.2273	34.3395	6.6224	1.20438
7900	4.7233	1.1472	1.2341	34.4955	6.6936	1.21144
8000	4.7336	1.1392	1.2411	34.6550	6.7688	1.21880
8100	4.7440	1.1313	1.2485	34.8188	6.8479	1.22647
8200	4.7546	1.1233	1.2562	34.9865	6.9312	1.23445
8300	4.7653	1.1152	1.2643	35.1586	7.0188	1.24280
8400	4.7762	1.1071	1.2727	35.3353	7.1110	1.25153
8500	4.7872	1.0990	1.2816	35.5171	7.2081	1.26066
8600	4.7984	1.0908	1.2908	35.7038	7.3094	1.27017
8700	4.8096	1.0825	1.3005	35.8945	7.4150	1.28007
8800	4.8210	1.0742	1.3106	36.0902	7.5256	1.29042
8900	4.8326	1.0658	1.3211	36.2913	7.6412	1.30121
9000	4.8442	1.0574	1.3321	36.4974	7.7610	1.31244
9100	4.8559	1.0488	1.3436	36.7086	7.8859	1.32414
9200	4.8677	1.0402	1.3555	36.9244	8.0149	1.33626
9300	4.8795	1.0316	1.3678	37.1446	8.1475	1.34878
9400	4.8914	1.0229	1.3806	37.3697	8.2849	1.36170
9500	4.9034	1.0142	1.3939	37.5999	8.4267	1.37526
9600	4.9153	1.0054	1.4076	37.8342	8.5718	1.38913
9700	4.9273	0.9966	1.4216	38.0715	8.7197	1.40337
9800	4.9392	0.9877	1.4361	38.3136	8.8717	1.41806
9900	4.9511	0.9789	1.4509	38.5584	9.0257	1.43307
10000	4.9629	0.9700	1.4660	38.8058	9.1814	1.44837
10100	4.9747	0.9611	1.4815	39.0567	9.3400	1.46405
10200	4.9863	0.9523	1.4972	39.3089	9.4994	1.47996
10300	4.9978	0.9434	1.5133	39.5636	9.6605	1.49619
10400	5.0092	0.9346	1.5295	39.8191	9.8220	1.51259
10500	5.0204	0.9258	1.5458	40.0742	9.9825	1.52908
10600	5.0315	0.9171	1.5623	40.3308	10.1436	1.54579
10700	5.0424	0.9084	1.5789	40.5862	10.3031	1.56253
10800	5.0530	0.8999	1.5954	40.8402	10.4602	1.57923
10900	5.0634	0.8914	1.6120	41.0934	10.6165	1.59600
11000	5.0736	0.8830	1.6284	41.3441	10.7694	1.61266
11100	5.0835	0.8747	1.6447	41.5916	10.9187	1.62916
11200	5.0932	0.8666	1.6610	41.8368	11.0656	1.64559
11300	5.1025	0.8586	1.6768	42.0765	11.2063	1.66162
11400	5.1117	0.8507	1.6925	42.3132	11.3438	1.67751
11500	5.1206	0.8430	1.7080	42.5469	11.4777	1.69322
11600	5.1291	0.8354	1.7230	42.7736	11.6047	1.70844
11700	5.1374	0.8280	1.7377	42.9967	11.7275	1.72339
11800	5.1454	0.8207	1.7520	43.2141	11.8446	1.73796
11900	5.1532	0.8136	1.7660	43.4270	11.9571	1.75221
12000	5.1606	0.8067	1.7794	43.6326	12.0622	1.76587
12100	5.1678	0.7999	1.7925	43.8337	12.1628	1.77922
12200	5.1748	0.7933	1.8051	44.0289	12.2575	1.79210
12300	5.1815	0.7868	1.8173	44.2194	12.3475	1.80462
12400	5.1879	0.7805	1.8289	44.4027	12.4307	1.81655
12500	5.1941	0.7744	1.8402	44.5816	12.5094	1.82814
12600	5.2001	0.7684	1.8510	44.7549	12.5826	1.83928
12700	5.2059	0.7625	1.8614	44.9226	12.6508	1.84996
12800	5.2115	0.7568	1.8712	45.0854	12.7141	1.86021
12900	5.2169	0.7512	1.8808	45.2441	12.7736	1.87013
13000	5.2221	0.7458	1.8899	45.3980	12.8287	1.87966
13100	5.2272	0.7404	1.8987	45.5475	12.8797	1.88880

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13200	5.2321	0.7352	1.9070	45.6927	12.9268	1.89756
13300	5.2368	0.7301	1.9150	45.8338	12.9702	1.90600
13400	5.2414	0.7251	1.9227	45.9720	13.0110	1.91417
13500	5.2459	0.7202	1.9300	46.1059	13.0481	1.92198
13600	5.2503	0.7154	1.9371	46.2374	13.0831	1.92957
13700	5.2545	0.7107	1.9439	46.3659	13.1155	1.93690
13800	5.2587	0.7061	1.9505	46.4913	13.1456	1.94397
13900	5.2627	0.7016	1.9568	46.6150	13.1742	1.95090
14000	5.2667	0.6971	1.9629	46.7360	13.2007	1.95755
14100	5.2706	0.6927	1.9688	46.8546	13.2254	1.96407
14200	5.2745	0.6884	1.9746	46.9718	13.2490	1.97043
14300	5.2783	0.6841	1.9801	47.0872	13.2713	1.97662
14400	5.2820	0.6799	1.9855	47.2011	13.2926	1.98270
14500	5.2856	0.6758	1.9907	47.3136	13.3130	1.98864
14600	5.2893	0.6717	1.9959	47.4247	13.3326	1.99449
14700	5.2929	0.6676	2.0009	47.5353	13.3521	2.00028
14800	5.2964	0.6636	2.0058	47.6447	13.3709	2.00598
14900	5.3000	0.6596	2.0107	47.7535	13.3896	2.01165
15000	5.3035	0.6557	2.0154	47.8616	13.4081	2.01726

LOG P= 2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	2.9857	2.5893	1.4776	16.9917	3.2253	1.00000
400	3.1284	2.4910	1.3860	18.0628	3.3601	1.00000
500	3.2490	2.4106	1.3384	19.0169	3.5481	1.00000
600	3.3361	2.3429	1.3031	19.7353	3.6134	1.00000
700	3.4104	2.2855	1.2749	20.3591	3.6750	1.00000
800	3.4723	2.2353	1.2527	20.8833	3.7088	1.00000
900	3.5245	2.1908	1.2342	21.3518	3.7351	1.00000
1000	3.5781	2.1505	1.2185	21.8033	3.7853	1.00000
1100	3.6241	2.1142	1.2044	22.2140	3.8254	1.00000
1200	3.6560	2.0812	1.1912	22.5804	3.8620	1.00000
1300	3.7045	2.0510	1.1788	22.9125	3.8951	1.00000
1400	3.7399	2.0230	1.1675	23.2304	3.9244	1.00000
1500	3.7727	1.9969	1.1573	23.5393	3.9505	0.99996
1600	3.8037	1.9722	1.1483	23.8212	3.9769	0.99984
1700	3.8331	1.9489	1.1402	24.0897	4.0051	0.99982
1800	3.8606	1.9269	1.1330	24.3463	4.0302	0.99979
1900	3.8870	1.9059	1.1265	24.5921	4.0575	0.99977
2000	3.9122	1.8859	1.1205	24.8284	4.0852	0.99975
2100	3.9363	1.8669	1.1150	25.0561	4.1126	0.99974
2200	3.9595	1.8487	1.1099	25.2754	4.1407	0.99972
2300	3.9816	1.8312	1.1052	25.4876	4.1677	0.99973
2400	4.0030	1.8144	1.1010	25.6932	4.1952	0.99974
2500	4.0237	1.7982	1.0970	25.8934	4.2240	0.99977
2600	4.0436	1.7827	1.0933	26.0881	4.2525	0.99983
2700	4.0628	1.7676	1.0900	26.2774	4.2802	0.99992
2800	4.0815	1.7531	1.0868	26.4620	4.3090	1.00007
2900	4.0997	1.7390	1.0840	26.6424	4.3377	1.00027
3000	4.1176	1.7253	1.0814	26.8219	4.3695	1.00053
3100	4.1348	1.7120	1.0791	26.9961	4.4002	1.00089
3200	4.1517	1.6990	1.0771	27.1680	4.4316	1.00136
3300	4.1683	1.6864	1.0753	27.3374	4.4642	1.00194
3400	4.1845	1.6740	1.0738	27.5044	4.4978	1.00257

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	4.2001	1.5619	1.0726	27.6677	4.5297	1.00354
3600	4.2157	1.5500	1.0717	27.8298	4.5641	1.00461
3700	4.2311	1.6384	1.0710	27.9927	4.6010	1.00585
3800	4.2464	1.6269	1.0707	28.1555	4.6411	1.00727
3900	4.2615	1.6157	1.0707	28.3170	4.6815	1.00901
4000	4.2761	1.6045	1.0710	28.4755	4.7205	1.01093
4100	4.2905	1.5936	1.0717	28.6329	4.7611	1.01311
4200	4.3049	1.5827	1.0726	28.7915	4.8042	1.01555
4300	4.3192	1.5720	1.0739	28.9506	4.8502	1.01800
4400	4.3334	1.5613	1.0755	29.1104	4.8977	1.02120
4500	4.3477	1.5508	1.0775	29.2717	4.9487	1.02444
4600	4.3617	1.5403	1.0797	29.4318	4.9993	1.02792
4700	4.3753	1.5300	1.0822	29.5891	5.0484	1.03165
4800	4.3886	1.5197	1.0851	29.7447	5.0972	1.03564
4900	4.4017	1.5095	1.0882	29.8997	5.1468	1.03984
5000	4.4155	1.4994	1.0915	30.0633	5.2060	1.04413
5100	4.4283	1.4894	1.0951	30.2182	5.2571	1.04898
5200	4.4407	1.4795	1.0989	30.3685	5.3050	1.05347
5300	4.4527	1.4696	1.1028	30.5152	5.3505	1.05834
5400	4.4644	1.4599	1.1069	30.6598	5.3947	1.06335
5500	4.4758	1.4503	1.1112	30.8025	5.4383	1.06843
5600	4.4872	1.4407	1.1155	30.9458	5.4832	1.07361
5700	4.4987	1.4314	1.1199	31.0916	5.5312	1.07882
5800	4.5103	1.4221	1.1244	31.2400	5.5833	1.08406
5900	4.5222	1.4129	1.1289	31.3930	5.6403	1.08932
6000	4.5342	1.4038	1.1335	31.5510	5.7028	1.09458
6100	4.5423	1.3950	1.1372	31.6587	5.7148	1.09982
6200	4.5526	1.3862	1.1418	31.7932	5.7565	1.10504
6300	4.5526	1.3775	1.1464	31.9268	5.7977	1.11027
6400	4.5725	1.3689	1.1510	32.0596	5.8384	1.11546
6500	4.5822	1.3604	1.1556	32.1912	5.8793	1.12066
6600	4.5919	1.3520	1.1602	32.3219	5.9201	1.12586
6700	4.6014	1.3438	1.1649	32.4521	5.9611	1.13104
6800	4.6109	1.3356	1.1695	32.5828	6.0028	1.13625
6900	4.6203	1.3275	1.1743	32.7130	6.0453	1.14149
7000	4.6296	1.3195	1.1791	32.8443	6.0890	1.14679
7100	4.6390	1.3116	1.1839	32.9754	6.1339	1.15215
7200	4.6484	1.3037	1.1889	33.1082	6.1806	1.15759
7300	4.6577	1.2958	1.1940	33.2423	6.2291	1.16317
7400	4.6672	1.2880	1.1992	33.3784	6.2798	1.16884
7500	4.6767	1.2802	1.2046	33.5162	6.3327	1.17465
7600	4.6862	1.2725	1.2102	33.6562	6.3884	1.18066
7700	4.6958	1.2647	1.2160	33.7982	6.4468	1.18685
7800	4.7056	1.2570	1.2220	33.9435	6.5083	1.19325
7900	4.7154	1.2492	1.2282	34.0915	6.5731	1.19988
8000	4.7253	1.2415	1.2347	34.2426	6.6414	1.20677
8100	4.7354	1.2337	1.2415	34.3973	6.7130	1.21393
8200	4.7456	1.2259	1.2486	34.5554	6.7885	1.22135
8300	4.7559	1.2181	1.2560	34.7173	6.8675	1.22909
8400	4.7663	1.2102	1.2637	34.8833	6.9510	1.23718
8500	4.7769	1.2023	1.2718	35.0538	7.0387	1.24561
8600	4.7876	1.1943	1.2803	35.2287	7.1302	1.25439
8700	4.7984	1.1863	1.2891	35.4071	7.2256	1.26351
8800	4.8093	1.1783	1.2983	35.5900	7.3256	1.27304
8900	4.8204	1.1702	1.3079	35.7777	7.4303	1.28296

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9000	4.8315	1.1620	1.3179	35.9701	7.5388	1.29328
9100	4.8428	1.1538	1.3284	36.1672	7.6521	1.30405
9200	4.8542	1.1455	1.3393	36.3686	7.7693	1.31519
9300	4.8556	1.1371	1.3505	36.5741	7.8900	1.32672
9400	4.8770	1.1288	1.3623	36.7843	8.0152	1.33870
9500	4.8886	1.1203	1.3744	36.9994	8.1448	1.35112
9600	4.9002	1.1118	1.3870	37.2185	8.2779	1.35394
9700	4.9118	1.1033	1.3999	37.4408	8.4138	1.37711
9800	4.9234	1.0947	1.4133	37.6677	8.5538	1.39073
9900	4.9350	1.0861	1.4270	37.8977	8.6963	1.40458
10000	4.9465	1.0775	1.4410	38.1307	8.8409	1.41894
10100	4.9580	1.0688	1.4555	38.3674	8.9887	1.43350
10200	4.9695	1.0602	1.4702	38.6060	9.1381	1.44853
10300	4.9809	1.0515	1.4852	38.8477	9.2899	1.46392
10400	4.9921	1.0429	1.5005	39.0908	9.4425	1.47931
10500	5.0032	1.0343	1.5160	39.3344	9.5953	1.49498
10600	5.0143	1.0257	1.5317	39.5804	9.7495	1.51091
10700	5.0252	1.0171	1.5475	39.8261	9.9031	1.52696
10800	5.0358	1.0087	1.5634	40.0717	10.0555	1.54336
10900	5.0464	1.0002	1.5794	40.3174	10.2080	1.55931
11000	5.0567	0.9919	1.5954	40.5620	10.3587	1.57556
11100	5.0668	0.9836	1.6114	40.8044	10.5067	1.59174
11200	5.0767	0.9754	1.6274	41.0459	10.6535	1.60796
11300	5.0863	0.9674	1.6431	41.2831	10.7952	1.62389
11400	5.0957	0.9595	1.6587	41.5183	10.9348	1.63977
11500	5.1049	0.9516	1.6743	41.7519	11.0721	1.65557
11600	5.1138	0.9439	1.6894	41.9795	11.2034	1.67099
11700	5.1225	0.9364	1.7044	42.2045	11.3314	1.68622
11800	5.1309	0.9290	1.7191	42.4246	11.4546	1.70116
11900	5.1390	0.9217	1.7335	42.6414	11.5743	1.71588
12000	5.1469	0.9146	1.7474	42.8515	11.6871	1.73007
12100	5.1545	0.9076	1.7611	43.0579	11.7961	1.74401
12200	5.1619	0.9008	1.7743	43.2589	11.8996	1.75756
12300	5.1691	0.8941	1.7872	43.4559	11.9991	1.77080
12400	5.1759	0.8875	1.7996	43.6461	12.0917	1.78349
12500	5.1826	0.8812	1.8117	43.8322	12.1804	1.79589
12600	5.1890	0.8749	1.8233	44.0130	12.2636	1.80784
12700	5.1952	0.8588	1.8344	44.1882	12.3418	1.81936
12800	5.2012	0.8529	1.8451	44.3585	12.4150	1.83045
12900	5.2070	0.8571	1.8555	44.5249	12.4846	1.84124
13000	5.2126	0.8514	1.8655	44.6863	12.5493	1.85162
13100	5.2180	0.8459	1.8750	44.8431	12.6097	1.86160
13200	5.2232	0.8404	1.8842	44.9954	12.6659	1.87119
13300	5.2283	0.8352	1.8930	45.1434	12.7180	1.88043
13400	5.2332	0.8300	1.9014	45.2883	12.7675	1.88939
13500	5.2380	0.8249	1.9095	45.4283	12.8125	1.89795
13600	5.2426	0.8199	1.9173	45.5657	12.8551	1.90626
13700	5.2471	0.8150	1.9248	45.6997	12.8948	1.91429
13800	5.2515	0.8103	1.9320	45.8304	12.9315	1.92202
13900	5.2558	0.8056	1.9390	45.9589	12.9664	1.92957
14000	5.2600	0.8010	1.9455	46.0843	12.9989	1.93680
14100	5.2641	0.7964	1.9520	46.2070	13.0289	1.94398
14200	5.2682	0.7920	1.9583	46.3277	13.0576	1.95075
14300	5.2721	0.7876	1.9643	46.4463	13.0844	1.95741
14400	5.2760	0.7833	1.9701	46.5629	13.1096	1.96392

LOG P= 2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14500	5.2798	0.7791	1.9757	46.6778	13.1337	1.97027
14600	5.2835	0.7749	1.9811	46.7910	13.1568	1.97647
14700	5.2872	0.7707	1.9865	46.9033	13.1792	1.98260
14800	5.2908	0.7657	1.9917	47.0139	13.2003	1.98859
14900	5.2945	0.7626	1.9968	47.1236	13.2212	1.99451
15000	5.2980	0.7586	2.0018	47.2325	13.2414	2.00035

LOG P= 2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.0030	2.6373	1.6532	16.7545	3.3566	1.00000
400	3.1375	2.5504	1.5229	17.7993	3.4314	1.00000
500	3.2566	2.4770	1.4424	18.7597	3.6110	1.00000
600	3.3424	2.4147	1.3909	19.4781	3.6667	1.00000
700	3.4161	2.3605	1.3507	20.1056	3.7238	1.00000
800	3.4775	2.3127	1.3189	20.6321	3.7533	1.00000
900	3.5313	2.2701	1.2933	21.1026	3.7763	1.00000
1000	3.5825	2.2314	1.2730	21.5551	3.8238	1.00000
1100	3.6285	2.1961	1.2556	21.9698	3.8646	1.00000
1200	3.6704	2.1541	1.2389	22.3403	3.9018	1.00000
1300	3.7089	2.1348	1.2234	22.6759	3.9350	1.00000
1400	3.7442	2.1077	1.2093	22.9962	3.9636	1.00000
1500	3.7768	2.0823	1.1965	23.3059	3.9878	0.99983
1600	3.8075	2.0584	1.1852	23.5877	4.0119	0.99981
1700	3.8366	2.0358	1.1753	23.8564	4.0383	0.99978
1800	3.8640	2.0143	1.1663	24.1134	4.0620	0.99975
1900	3.8903	1.9939	1.1582	24.3598	4.0882	0.99973
2000	3.9154	1.9744	1.1507	24.5967	4.1149	0.99971
2100	3.9393	1.9558	1.1438	24.8248	4.1412	0.99969
2200	3.9624	1.9380	1.1375	25.0444	4.1683	0.99967
2300	3.9844	1.9209	1.1316	25.2568	4.1942	0.99967
2400	4.0056	1.9045	1.1262	25.4626	4.2208	0.99957
2500	4.0262	1.8887	1.1213	25.6628	4.2485	0.99970
2600	4.0460	1.8735	1.1167	25.8574	4.2761	0.99975
2700	4.0651	1.8587	1.1124	26.0466	4.3028	0.99983
2800	4.0837	1.8445	1.1085	26.2309	4.3306	0.99995
2900	4.1017	1.8307	1.1050	26.4109	4.3582	1.00012
3000	4.1195	1.8172	1.1017	26.5899	4.3888	1.00035
3100	4.1366	1.8042	1.0987	26.7634	4.4182	1.00068
3200	4.1533	1.7915	1.0960	26.9343	4.4481	1.00108
3300	4.1697	1.7791	1.0935	27.1026	4.4790	1.00160
3400	4.1857	1.7670	1.0914	27.2682	4.5108	1.00225
3500	4.2012	1.7551	1.0895	27.4299	4.5408	1.00304
3600	4.2165	1.7435	1.0880	27.5902	4.5730	1.00398
3700	4.2317	1.7321	1.0867	27.7509	4.6076	1.00510
3800	4.2468	1.7209	1.0858	27.9113	4.6452	1.00639
3900	4.2616	1.7098	1.0852	28.0703	4.6829	1.00792
4000	4.2759	1.6990	1.0849	28.2258	4.7189	1.00955
4100	4.2900	1.6882	1.0849	28.3800	4.7562	1.01160
4200	4.3041	1.6776	1.0853	28.5351	4.7961	1.01379
4300	4.3182	1.6671	1.0859	28.6905	4.8388	1.01602
4400	4.3321	1.6567	1.0869	28.8466	4.8827	1.01898
4500	4.3461	1.6455	1.0883	29.0039	4.9302	1.02191
4600	4.3597	1.6363	1.0899	29.1599	4.9771	1.02496
4700	4.3730	1.6262	1.0918	29.3131	5.0226	1.02836

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4800	4.3861	1.6152	1.0940	29.4645	5.0678	1.03199
4900	4.3990	1.6062	1.0965	29.6153	5.1140	1.03583
5000	4.4124	1.5964	1.0992	29.7747	5.1696	1.03978
5100	4.4250	1.5866	1.1022	29.9255	5.2173	1.04403
5200	4.4372	1.5769	1.1053	30.0719	5.2620	1.04838
5300	4.4489	1.5673	1.1087	30.2147	5.3046	1.05291
5400	4.4604	1.5578	1.1123	30.3559	5.3462	1.05757
5500	4.4717	1.5484	1.1159	30.4953	5.3874	1.06233
5600	4.4830	1.5391	1.1197	30.6355	5.4302	1.06721
5700	4.4944	1.5299	1.1237	30.7783	5.4762	1.07214
5800	4.5059	1.5208	1.1277	30.9237	5.5262	1.07712
5900	4.5176	1.5118	1.1318	31.0738	5.5813	1.08214
6000	4.5296	1.5029	1.1359	31.2289	5.6419	1.08719
6100	4.5376	1.4943	1.1389	31.3345	5.6526	1.09222
6200	4.5477	1.4857	1.1431	31.4668	5.6931	1.09726
6300	4.5577	1.4771	1.1474	31.5982	5.7331	1.10233
6400	4.5676	1.4686	1.1517	31.7288	5.7727	1.10738
6500	4.5773	1.4602	1.1561	31.8580	5.8122	1.11243
6600	4.5868	1.4520	1.1604	31.9864	5.8517	1.11749
6700	4.5963	1.4438	1.1648	32.1141	5.8913	1.12255
6800	4.6057	1.4357	1.1692	32.2421	5.9313	1.12762
6900	4.6150	1.4277	1.1737	32.3693	5.9719	1.13272
7000	4.6242	1.4198	1.1782	32.4974	6.0134	1.13786
7100	4.6334	1.4120	1.1828	32.6250	6.0559	1.14306
7200	4.6426	1.4042	1.1875	32.7538	6.0998	1.14832
7300	4.6519	1.3964	1.1923	32.8836	6.1451	1.15370
7400	4.6611	1.3888	1.1972	33.0151	6.1923	1.15915
7500	4.6703	1.3811	1.2022	33.1477	6.2413	1.16470
7600	4.6797	1.3735	1.2074	33.2822	6.2927	1.17044
7700	4.6890	1.3659	1.2127	33.4182	6.3464	1.17631
7800	4.6985	1.3583	1.2183	33.5569	6.4027	1.18237
7900	4.7080	1.3507	1.2241	33.6980	6.4618	1.18852
8000	4.7176	1.3431	1.2300	33.8415	6.5240	1.19509
8100	4.7273	1.3355	1.2363	33.9882	6.5892	1.20179
8200	4.7371	1.3279	1.2428	34.1376	6.6576	1.20872
8300	4.7470	1.3203	1.2495	34.2905	6.7293	1.21593
8400	4.7571	1.3127	1.2566	34.4469	6.8047	1.22344
8500	4.7673	1.3050	1.2640	34.6072	6.8840	1.23125
8600	4.7775	1.2973	1.2717	34.7714	6.9668	1.23937
8700	4.7879	1.2895	1.2797	34.9387	7.0530	1.24779
8800	4.7984	1.2817	1.2882	35.1099	7.1434	1.25657
8900	4.8090	1.2738	1.2969	35.2856	7.2379	1.26571
9000	4.8197	1.2659	1.3060	35.4654	7.3362	1.27521
9100	4.8305	1.2580	1.3156	35.6495	7.4388	1.28512
9200	4.8414	1.2500	1.3255	35.8375	7.5449	1.29537
9300	4.8524	1.2419	1.3358	36.0294	7.6545	1.30597
9400	4.8635	1.2338	1.3465	36.2257	7.7684	1.31699
9500	4.8746	1.2256	1.3576	36.4266	7.8864	1.32843
9600	4.8858	1.2174	1.3691	36.6313	8.0078	1.34024
9700	4.8970	1.2092	1.3809	36.8391	8.1323	1.35240
9800	4.9082	1.2009	1.3932	37.0515	8.2606	1.36498
9900	4.9195	1.1926	1.4058	37.2671	8.3917	1.37790
10000	4.9307	1.1842	1.4188	37.4858	8.5252	1.39113
10100	4.9419	1.1758	1.4321	37.7085	8.6622	1.40477
10200	4.9531	1.1674	1.4458	37.9332	8.8010	1.41869

LOG P= 2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10300	4.9643	1.1590	1.4598	38.1615	8.9427	1.43300
10400	4.9754	1.1506	1.4741	38.3917	9.0858	1.44754
10500	4.9864	1.1422	1.4886	38.6229	9.2297	1.46231
10600	4.9973	1.1338	1.5034	38.8573	9.3757	1.47738
10700	5.0081	1.1254	1.5184	39.0921	9.5219	1.49262
10800	5.0188	1.1171	1.5334	39.3276	9.6678	1.50798
10900	5.0293	1.1087	1.5488	39.5642	9.8147	1.52357
11000	5.0397	1.1005	1.5641	39.8003	9.9605	1.53922
11100	5.0499	1.0923	1.5795	40.0356	10.1049	1.55488
11200	5.0599	1.0841	1.5951	40.2708	10.2490	1.57067
11300	5.0697	1.0761	1.6104	40.5029	10.3894	1.58628
11400	5.0793	1.0682	1.6258	40.7341	10.5287	1.60191
11500	5.0887	1.0603	1.6411	40.9648	10.6666	1.61758
11600	5.0979	1.0526	1.6562	41.1906	10.7997	1.63294
11700	5.1068	1.0449	1.6712	41.4149	10.9305	1.64823
11800	5.1155	1.0374	1.6860	41.6354	11.0575	1.66331
11900	5.1241	1.0300	1.7006	41.8536	11.1819	1.67826
12000	5.1323	1.0227	1.7149	42.0660	11.3003	1.69279
12100	5.1403	1.0156	1.7289	42.2755	11.4155	1.70713
12200	5.1480	1.0086	1.7426	42.4804	11.5260	1.72115
12300	5.1556	1.0017	1.7560	42.6820	11.6332	1.73494
12400	5.1629	0.9950	1.7690	42.8773	11.7338	1.74823
12500	5.1699	0.9884	1.7816	43.0693	11.8311	1.76128
12600	5.1769	0.9820	1.7939	43.2561	11.9232	1.77393
12700	5.1834	0.9757	1.8058	43.4378	12.0105	1.78618
12800	5.1897	0.9695	1.8172	43.6147	12.0929	1.79803
12900	5.1959	0.9635	1.8283	43.7880	12.1719	1.80960
13000	5.2019	0.9576	1.8391	43.9564	12.2460	1.82078
13100	5.2077	0.9518	1.8494	44.1202	12.3157	1.83156
13200	5.2133	0.9462	1.8594	44.2794	12.3809	1.84196
13300	5.2187	0.9407	1.8689	44.4342	12.4422	1.85200
13400	5.2240	0.9353	1.8782	44.5859	12.5004	1.86176
13500	5.2291	0.9300	1.8870	44.7324	12.5538	1.87109
13600	5.2341	0.9249	1.8955	44.8762	12.6047	1.88017
13700	5.2389	0.9198	1.9037	45.0162	12.6522	1.88894
13800	5.2436	0.9149	1.9116	45.1527	12.6966	1.89739
13900	5.2481	0.9100	1.9192	45.2868	12.7387	1.90564
14000	5.2526	0.9053	1.9265	45.4172	12.7779	1.91353
14100	5.2569	0.9006	1.9335	45.5449	12.8144	1.92125
14200	5.2612	0.8960	1.9404	45.6702	12.8490	1.92872
14300	5.2653	0.8915	1.9469	45.7930	12.8814	1.93596
14400	5.2694	0.8870	1.9532	45.9134	12.9120	1.94300
14500	5.2733	0.8827	1.9593	46.0316	12.9409	1.94985
14600	5.2772	0.8784	1.9652	46.1479	12.9680	1.95652
14700	5.2811	0.8741	1.9710	46.2629	12.9945	1.96309
14800	5.2848	0.8700	1.9765	46.3759	13.0192	1.96946
14900	5.2886	0.8659	1.9820	46.4877	13.0433	1.97575
15000	5.2922	0.8518	1.9872	46.5981	13.0664	1.98192

LOG P= 3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.0264	2.6799	1.8747	16.5206	3.5423	1.00000
400	3.1512	2.6039	1.6989	17.5392	3.5414	1.00000
500	3.2675	2.5378	1.5784	18.5041	3.7030	1.00000

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
600	3.3514	2.4806	1.5010	19.2216	3.7431	1.00000
700	3.4240	2.4305	1.4462	19.8520	3.7923	1.00000
800	3.4846	2.3860	1.4035	20.3800	3.8147	1.00000
900	3.5377	2.3457	1.3682	20.8521	3.8322	1.00000
1000	3.5882	2.3089	1.3399	21.3056	3.8746	1.00000
1100	3.6339	2.2752	1.3165	21.7231	3.9133	1.00000
1200	3.6758	2.2443	1.2962	22.0975	3.9505	1.00000
1300	3.7143	2.2159	1.2779	22.4371	3.9841	1.00000
1400	3.7495	2.1896	1.2608	22.7603	4.0122	1.00000
1500	3.7819	2.1551	1.2450	23.0712	4.0342	0.99980
1600	3.8122	2.1420	1.2310	23.3534	4.0556	0.99977
1700	3.8411	2.1200	1.2185	23.6224	4.0797	0.99974
1800	3.8682	2.0992	1.2073	23.8798	4.1015	0.99970
1900	3.8943	2.0794	1.1972	24.1268	4.1261	0.99968
2000	3.9193	2.0605	1.1880	24.3643	4.1517	0.99965
2100	3.9431	2.0424	1.1795	24.5930	4.1769	0.99963
2200	3.9660	2.0251	1.1717	24.8132	4.2028	0.99960
2300	3.9878	2.0085	1.1645	25.0258	4.2276	0.99959
2400	4.0089	1.9926	1.1577	25.2318	4.2529	0.99959
2500	4.0293	1.9772	1.1515	25.4320	4.2794	0.99961
2600	4.0490	1.9623	1.1457	25.6267	4.3057	0.99965
2700	4.0680	1.9480	1.1404	25.8158	4.3312	0.99971
2800	4.0864	1.9340	1.1355	25.9999	4.3578	0.99982
2900	4.1043	1.9205	1.1309	26.1797	4.3842	0.99997
3000	4.1219	1.9074	1.1267	26.3582	4.4134	1.00017
3100	4.1389	1.8947	1.1229	26.5311	4.4414	1.00046
3200	4.1554	1.8823	1.1193	26.7012	4.4698	1.00082
3300	4.1717	1.8701	1.1161	26.8686	4.4992	1.00128
3400	4.1875	1.8583	1.1133	27.0329	4.5292	1.00186
3500	4.2028	1.8467	1.1107	27.1932	4.5573	1.00256
3600	4.2179	1.8354	1.1084	27.3519	4.5874	1.00340
3700	4.2329	1.8242	1.1065	27.5107	4.6197	1.00440
3800	4.2477	1.8133	1.1049	27.6689	4.6549	1.00557
3900	4.2622	1.8025	1.1036	27.8254	4.6900	1.00692
4000	4.2763	1.7919	1.1027	27.9782	4.7232	1.00847
4100	4.2902	1.7814	1.1020	28.1296	4.7576	1.01022
4200	4.3040	1.7711	1.1017	28.2816	4.7943	1.01218
4300	4.3178	1.7609	1.1017	28.4338	4.8338	1.01431
4400	4.3314	1.7508	1.1020	28.5863	4.8744	1.01677
4500	4.3450	1.7408	1.1026	28.7399	4.9184	1.01941
4600	4.3584	1.7309	1.1035	28.8922	4.9618	1.02225
4700	4.3714	1.7210	1.1048	29.0415	5.0038	1.02534
4800	4.3841	1.7113	1.1063	29.1890	5.0455	1.02864
4900	4.3968	1.7016	1.1081	29.3358	5.0882	1.03215
5000	4.4100	1.6920	1.1101	29.4913	5.1405	1.03576
5100	4.4223	1.6825	1.1125	29.6383	5.1850	1.03960
5200	4.4342	1.6731	1.1150	29.7808	5.2265	1.04366
5300	4.4458	1.6638	1.1177	29.9199	5.2661	1.04785
5400	4.4571	1.6545	1.1207	30.0575	5.3048	1.05218
5500	4.4682	1.6454	1.1238	30.1935	5.3435	1.05661
5600	4.4793	1.6363	1.1270	30.3306	5.3839	1.06117
5700	4.4905	1.6273	1.1304	30.4702	5.4275	1.06582
5800	4.5018	1.6184	1.1339	30.6125	5.4753	1.07051
5900	4.5134	1.6096	1.1375	30.7594	5.5282	1.07529
6000	4.5253	1.6009	1.1412	30.9115	5.5866	1.08008

T	LOG 4/R	LOG RHO	Z	S/R	H/RT	Z*
6100	4.5332	1.5928	1.1430	31.0148	5.5956	1.08487
6200	4.5433	1.5842	1.1469	31.1448	5.6346	1.08971
6300	4.5532	1.5758	1.1508	31.2738	5.6733	1.09458
6400	4.5629	1.5675	1.1548	31.4021	5.7115	1.09947
6500	4.5726	1.5592	1.1588	31.5291	5.7497	1.10435
6600	4.5821	1.5511	1.1628	31.6550	5.7877	1.10926
6700	4.5914	1.5430	1.1669	31.7802	5.8258	1.11416
6800	4.6007	1.5351	1.1710	31.9056	5.8642	1.11908
6900	4.6099	1.5272	1.1751	32.0300	5.9029	1.12403
7000	4.6191	1.5194	1.1793	32.1551	5.9424	1.12902
7100	4.6282	1.5117	1.1836	32.2794	5.9827	1.13405
7200	4.6372	1.5040	1.1880	32.4047	6.0240	1.13913
7300	4.6463	1.4964	1.1924	32.5306	6.0666	1.14432
7400	4.6553	1.4888	1.1970	32.6579	6.1107	1.14956
7500	4.6644	1.4813	1.2016	32.7860	6.1562	1.15488
7600	4.6735	1.4738	1.2065	32.9155	6.2038	1.16036
7700	4.6826	1.4664	1.2114	33.0461	6.2534	1.16595
7800	4.6918	1.4589	1.2165	33.1791	6.3051	1.17171
7900	4.7010	1.4515	1.2219	33.3138	6.3592	1.17762
8000	4.7104	1.4441	1.2274	33.4507	6.4160	1.18372
8100	4.7198	1.4357	1.2331	33.5902	6.4755	1.19001
8200	4.7292	1.4292	1.2390	33.7321	6.5376	1.19651
8300	4.7388	1.4218	1.2452	33.8768	6.6027	1.20323
8400	4.7485	1.4144	1.2517	34.0246	6.6711	1.21023
8500	4.7583	1.4069	1.2584	34.1758	6.7429	1.21749
8600	4.7681	1.3994	1.2655	34.3304	6.8178	1.22502
8700	4.7781	1.3919	1.2728	34.4877	6.8959	1.23281
8800	4.7882	1.3843	1.2804	34.6485	6.9775	1.24094
8900	4.7984	1.3767	1.2884	34.8131	7.0630	1.24935
9000	4.8087	1.3691	1.2967	34.9815	7.1518	1.25811
9100	4.8191	1.3614	1.3053	35.1537	7.2447	1.26724
9200	4.8295	1.3536	1.3143	35.3295	7.3408	1.27657
9300	4.8401	1.3459	1.3237	35.5089	7.4401	1.28642
9400	4.8507	1.3380	1.3334	35.6923	7.5434	1.29656
9500	4.8614	1.3302	1.3435	35.8799	7.6507	1.30709
9600	4.8722	1.3223	1.3540	36.0712	7.7612	1.31795
9700	4.8830	1.3143	1.3648	36.2654	7.8746	1.32915
9800	4.8939	1.3063	1.3760	36.4640	7.9920	1.34076
9900	4.9048	1.2982	1.3876	36.6658	8.1120	1.35269
10000	4.9156	1.2902	1.3995	36.8707	8.2346	1.36493
10100	4.9266	1.2821	1.4118	37.0795	8.3606	1.37756
10200	4.9374	1.2739	1.4243	37.2906	8.4887	1.39048
10300	4.9483	1.2658	1.4373	37.5053	8.6201	1.40379
10400	4.9592	1.2576	1.4505	37.7224	8.7531	1.41736
10500	4.9700	1.2494	1.4640	37.9408	8.8875	1.43117
10600	4.9807	1.2412	1.4778	38.1628	9.0244	1.44532
10700	4.9914	1.2330	1.4919	38.3857	9.1621	1.45957
10800	5.0019	1.2249	1.5061	38.6100	9.3001	1.47419
10900	5.0124	1.2167	1.5205	38.8360	9.4399	1.48899
11000	5.0227	1.2086	1.5351	39.0623	9.5793	1.50390
11100	5.0329	1.2005	1.5498	39.2886	9.7183	1.51889
11200	5.0430	1.1925	1.5647	39.5157	9.8579	1.53410
11300	5.0529	1.1846	1.5795	39.7409	9.9948	1.54920
11400	5.0626	1.1767	1.5944	39.9659	10.1313	1.56441
11500	5.0722	1.1588	1.6093	40.1915	10.2676	1.57972

LOG P= 3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11600	5.0815	1.1611	1.6241	40.4131	10.3999	1.59483
11700	5.0907	1.1534	1.6389	40.6344	10.5310	1.60995
11800	5.0996	1.1458	1.6536	40.8528	10.6593	1.62495
11900	5.1084	1.1384	1.6682	41.0697	10.7858	1.63991
12000	5.1169	1.1310	1.6824	41.2819	10.9072	1.65451
12100	5.1252	1.1238	1.6966	41.4920	11.0263	1.66903
12200	5.1333	1.1167	1.7105	41.6985	11.1416	1.68331
12300	5.1412	1.1096	1.7242	41.9026	11.2543	1.69744
12400	5.1488	1.1028	1.7375	42.1011	11.3611	1.71113
12500	5.1563	1.0960	1.7506	42.2968	11.4651	1.72465
12600	5.1635	1.0894	1.7634	42.4881	11.5647	1.73784
12700	5.1705	1.0829	1.7758	42.6746	11.6596	1.75067
12800	5.1773	1.0766	1.7879	42.8570	11.7501	1.76315
12900	5.1838	1.0704	1.7997	43.0361	11.8374	1.77539
13000	5.1902	1.0643	1.8111	43.2106	11.9203	1.78729
13100	5.1964	1.0583	1.8221	43.3807	11.9987	1.79881
13200	5.2024	1.0525	1.8328	43.5464	12.0729	1.80996
13300	5.2082	1.0468	1.8430	43.7077	12.1429	1.82076
13400	5.2138	1.0412	1.8530	43.8660	12.2099	1.83130
13500	5.2193	1.0357	1.8626	44.0191	12.2721	1.84140
13600	5.2246	1.0303	1.8719	44.1693	12.3313	1.85126
13700	5.2297	1.0251	1.8808	44.3157	12.3872	1.86079
13800	5.2347	1.0199	1.8894	44.4583	12.4397	1.86999
13900	5.2396	1.0149	1.8977	44.5984	12.4897	1.87898
14000	5.2443	1.0100	1.9057	44.7344	12.5361	1.88758
14100	5.2489	1.0051	1.9134	44.8676	12.5799	1.89600
14200	5.2534	1.0004	1.9209	44.9981	12.6214	1.90415
14300	5.2578	0.9957	1.9280	45.1258	12.6602	1.91202
14400	5.2621	0.9911	1.9349	45.2508	12.6969	1.91967
14500	5.2662	0.9866	1.9415	45.3732	12.7313	1.92710
14600	5.2703	0.9822	1.9479	45.4933	12.7639	1.93431
14700	5.2744	0.9779	1.9542	45.6120	12.7954	1.94141
14800	5.2783	0.9736	1.9602	45.7281	12.8245	1.94826
14900	5.2822	0.9694	1.9661	45.8429	12.8530	1.95502
15000	5.2860	0.9652	1.9717	45.9560	12.8799	1.96160

LOG P= 3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.0553	2.7177	2.1613	16.2862	3.7857	1.00000
400	3.1719	2.6513	1.9039	17.2866	3.7137	1.00000
500	3.2823	2.5933	1.7534	18.2498	3.8312	1.00000
600	3.3635	2.5413	1.6431	18.9653	3.8487	1.00000
700	3.4346	2.4953	1.5658	19.5987	3.8857	1.00000
800	3.4939	2.4541	1.5080	20.1282	3.8980	1.00000
900	3.5461	2.4168	1.4624	20.6014	3.9075	1.00000
1000	3.5958	2.3826	1.4247	21.0554	3.9429	1.00000
1100	3.6410	2.3508	1.3930	21.4750	3.9771	1.00000
1200	3.6825	2.3213	1.3662	21.8522	4.0113	1.00000
1300	3.7206	2.2941	1.3428	22.1949	4.0429	1.00000
1400	3.7557	2.2687	1.3220	22.5210	4.0697	1.00000
1500	3.7878	2.2450	1.3033	22.8341	4.0901	0.99975
1600	3.8179	2.2227	1.2867	23.1172	4.1092	0.99971
1700	3.8465	2.2015	1.2719	23.3870	4.1311	0.99968
1800	3.8734	2.1814	1.2580	23.6451	4.1505	0.99964

LOG P= 3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1900	3.8992	2.1623	1.2455	23.8927	4.1732	0.99960
2000	3.9240	2.1440	1.2340	24.1311	4.1971	0.99957
2100	3.9476	2.1265	1.2235	24.3606	4.2209	0.99954
2200	3.9703	2.1098	1.2137	24.5815	4.2455	0.99951
2300	3.9920	2.0937	1.2047	24.7946	4.2689	0.99950
2400	4.0129	2.0782	1.1964	25.0008	4.2928	0.99949
2500	4.0332	2.0633	1.1887	25.2013	4.3178	0.99950
2600	4.0527	2.0489	1.1816	25.3959	4.3427	0.99953
2700	4.0715	2.0350	1.1750	25.5849	4.3668	0.99958
2800	4.0898	2.0215	1.1689	25.7689	4.3920	0.99967
2900	4.1075	2.0083	1.1632	25.9484	4.4170	0.99980
3000	4.1250	1.9956	1.1579	26.1266	4.4448	0.99998
3100	4.1418	1.9832	1.1530	26.2989	4.4713	1.00023
3200	4.1582	1.9711	1.1485	26.4685	4.4981	1.00055
3300	4.1742	1.9593	1.1444	26.6350	4.5258	1.00096
3400	4.1899	1.9478	1.1406	26.7984	4.5540	1.00147
3500	4.2050	1.9365	1.1371	26.9574	4.5802	1.00210
3600	4.2198	1.9255	1.1340	27.1146	4.6082	1.00295
3700	4.2346	1.9146	1.1312	27.2717	4.6383	1.00374
3800	4.2492	1.9040	1.1288	27.4281	4.6711	1.00479
3900	4.2635	1.8935	1.1267	27.5824	4.7036	1.00600
4000	4.2773	1.8832	1.1250	27.7329	4.7341	1.00738
4100	4.2909	1.8730	1.1236	27.8816	4.7656	1.00895
4200	4.3044	1.8629	1.1225	28.0308	4.7995	1.01071
4300	4.3180	1.8530	1.1218	28.1801	4.8360	1.01294
4400	4.3313	1.8432	1.1214	28.3295	4.8735	1.01484
4500	4.3447	1.8335	1.1212	28.4799	4.9143	1.01722
4600	4.3577	1.8239	1.1214	28.6286	4.9543	1.01978
4700	4.3705	1.8143	1.1219	28.7743	4.9929	1.02259
4800	4.3829	1.8049	1.1227	28.9180	5.0311	1.02557
4900	4.3952	1.7955	1.1238	29.0611	5.0704	1.02876
5000	4.4082	1.7862	1.1251	29.2128	5.1193	1.03206
5100	4.4203	1.7770	1.1267	29.3560	5.1505	1.03559
5200	4.4319	1.7679	1.1286	29.4949	5.1989	1.03930
5300	4.4432	1.7588	1.1306	29.6305	5.2355	1.04316
5400	4.4543	1.7498	1.1329	29.7647	5.2714	1.04716
5500	4.4652	1.7409	1.1353	29.8974	5.3074	1.05127
5600	4.4762	1.7321	1.1379	30.0312	5.3453	1.05552
5700	4.4872	1.7234	1.1407	30.1675	5.3863	1.05986
5800	4.4983	1.7147	1.1436	30.3065	5.4314	1.06427
5900	4.5099	1.7061	1.1466	30.4501	5.4818	1.06876
6000	4.5215	1.6976	1.1498	30.5989	5.5377	1.07330
6100	4.5292	1.6901	1.1501	30.7000	5.5447	1.07783
6200	4.5392	1.6817	1.1535	30.8274	5.5820	1.08243
6300	4.5490	1.6735	1.1570	30.9539	5.6191	1.08710
6400	4.5587	1.6653	1.1605	31.0799	5.6558	1.09178
6500	4.5682	1.6572	1.1641	31.2045	5.6924	1.09647
6600	4.5776	1.6492	1.1678	31.3279	5.7289	1.10120
6700	4.5869	1.6413	1.1715	31.4507	5.7654	1.10593
6800	4.5961	1.6335	1.1753	31.5735	5.8021	1.11069
6900	4.6052	1.6257	1.1791	31.6953	5.8391	1.11548
7000	4.6142	1.6181	1.1830	31.8174	5.8767	1.12029
7100	4.6232	1.6105	1.1869	31.9387	5.9149	1.12516
7200	4.6321	1.6029	1.1909	32.0608	5.9540	1.13006
7300	4.6410	1.5954	1.1950	32.1832	5.9940	1.13505

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7400	4.6499	1.5880	1.1992	32.3066	6.0353	1.14010
7500	4.6588	1.5806	1.2035	32.4306	6.0777	1.14520
7600	4.6677	1.5733	1.2079	32.5556	6.1219	1.15043
7700	4.6766	1.5660	1.2124	32.6815	6.1677	1.15577
7800	4.6856	1.5587	1.2171	32.8093	6.2154	1.16125
7900	4.6946	1.5514	1.2220	32.9384	6.2651	1.16685
8000	4.7036	1.5442	1.2270	33.0694	6.3172	1.17262
8100	4.7127	1.5370	1.2323	33.2025	6.3715	1.17855
8200	4.7219	1.5297	1.2377	33.3374	6.4281	1.18464
8300	4.7311	1.5225	1.2433	33.4749	6.4873	1.19095
8400	4.7405	1.5152	1.2492	33.6151	6.5494	1.19749
8500	4.7499	1.5080	1.2553	33.7580	6.6145	1.20425
8600	4.7594	1.5007	1.2617	33.9041	6.6824	1.21125
8700	4.7690	1.4934	1.2683	34.0523	6.7530	1.21848
8800	4.7787	1.4861	1.2752	34.2037	6.8269	1.22600
8900	4.7885	1.4787	1.2824	34.3584	6.9042	1.23379
9000	4.7984	1.4713	1.2900	34.5165	6.9846	1.24187
9100	4.8084	1.4639	1.2978	34.6779	7.0685	1.25029
9200	4.8184	1.4564	1.3060	34.8426	7.1555	1.25898
9300	4.8285	1.4489	1.3144	35.0106	7.2454	1.26796
9400	4.8388	1.4414	1.3233	35.1821	7.3391	1.27729
9500	4.8491	1.4338	1.3324	35.3575	7.4363	1.28697
9600	4.8594	1.4261	1.3420	35.5363	7.5366	1.29697
9700	4.8699	1.4185	1.3518	35.7178	7.6397	1.30727
9800	4.8803	1.4107	1.3620	35.9035	7.7466	1.31797
9900	4.8908	1.4030	1.3725	36.0922	7.8560	1.32895
10000	4.9014	1.3952	1.3834	36.2839	7.9681	1.34024
10100	4.9119	1.3874	1.3946	36.4795	8.0835	1.35190
10200	4.9225	1.3795	1.4061	36.6774	8.2014	1.36386
10300	4.9331	1.3716	1.4180	36.8790	8.3224	1.37620
10400	4.9436	1.3637	1.4302	37.0830	8.4453	1.38879
10500	4.9542	1.3558	1.4427	37.2886	8.5698	1.40165
10600	4.9647	1.3478	1.4555	37.4980	8.6973	1.41485
10700	4.9751	1.3399	1.4685	37.7087	8.8259	1.42828
10800	4.9855	1.3319	1.4817	37.9213	8.9553	1.44191
10900	4.9958	1.3240	1.4953	38.1360	9.0869	1.45585
11000	5.0061	1.3161	1.5090	38.3516	9.2190	1.46995
11100	5.0162	1.3082	1.5228	38.5678	9.3511	1.48418
11200	5.0262	1.3003	1.5369	38.7854	9.4844	1.49866
11300	5.0361	1.2925	1.5510	39.0019	9.6159	1.51310
11400	5.0458	1.2847	1.5652	39.2189	9.7479	1.52771
11500	5.0555	1.2769	1.5796	39.4374	9.8804	1.54250
11600	5.0649	1.2692	1.5939	39.6528	10.0099	1.55715
11700	5.0742	1.2616	1.6082	39.8687	10.1390	1.57190
11800	5.0833	1.2541	1.6225	40.0827	10.2663	1.58661
11900	5.0923	1.2466	1.6369	40.2962	10.3927	1.60136
12000	5.1010	1.2392	1.6510	40.5058	10.5149	1.61584
12100	5.1096	1.2319	1.6650	40.7143	10.6357	1.63031
12200	5.1179	1.2247	1.6789	40.9201	10.7535	1.64462
12300	5.1261	1.2176	1.6927	41.1243	10.8494	1.65887
12400	5.1340	1.2107	1.7062	41.3237	10.9802	1.67276
12500	5.1418	1.2038	1.7195	41.5211	11.0891	1.68656
12600	5.1494	1.1971	1.7326	41.7149	11.1941	1.70008
12700	5.1567	1.1905	1.7454	41.9045	11.2950	1.71332
12800	5.1638	1.1840	1.7578	42.0905	11.3920	1.72626

LOG P = 3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12900	5.1708	1.1776	1.7701	42.2738	11.4862	1.73902
13000	5.1775	1.1713	1.7820	42.4529	11.5765	1.75148
13100	5.1841	1.1651	1.7936	42.6281	11.6624	1.76360
13200	5.1904	1.1591	1.8049	42.7992	11.7445	1.77539
13300	5.1966	1.1532	1.8158	42.9660	11.8225	1.78686
13400	5.2026	1.1474	1.8264	43.1302	11.8977	1.79839
13500	5.2084	1.1418	1.8366	43.2891	11.9681	1.80891
13600	5.2140	1.1362	1.8466	43.4454	12.0356	1.81948
13700	5.2195	1.1308	1.8562	43.5977	12.0996	1.82974
13800	5.2249	1.1255	1.8655	43.7463	12.1601	1.83967
13900	5.2300	1.1202	1.8745	43.8924	12.2191	1.84940
14000	5.2351	1.1151	1.8831	44.0343	12.2722	1.85872
14100	5.2400	1.1101	1.8915	44.1732	12.3237	1.86785
14200	5.2447	1.1052	1.8996	44.3092	12.3724	1.87670
14300	5.2494	1.1004	1.9074	44.4423	12.4184	1.88526
14400	5.2539	1.0956	1.9149	44.5724	12.4618	1.89358
14500	5.2584	1.0910	1.9222	44.6997	12.5028	1.90166
14600	5.2627	1.0864	1.9292	44.8245	12.5415	1.90949
14700	5.2670	1.0819	1.9360	44.9476	12.5789	1.91719
14800	5.2711	1.0775	1.9425	45.0677	12.6136	1.92461
14900	5.2752	1.0732	1.9489	45.1863	12.6472	1.93191
15000	5.2792	1.0689	1.9550	45.3030	12.6791	1.93902

LOG P = 3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.0894	2.7515	2.5271	16.0481	4.0956	1.00000
400	3.1978	2.6938	2.1551	17.0347	3.9419	1.00000
500	3.3029	2.6428	1.9605	18.0018	4.0176	1.00000
600	3.3792	2.5972	1.8240	18.7094	3.9908	1.00000
700	3.4483	2.5552	1.7184	19.3454	4.0103	1.00000
800	3.5061	2.5173	1.6399	19.8765	4.0087	1.00000
900	3.5571	2.4828	1.5788	20.3516	4.0077	1.00000
1000	3.6057	2.4512	1.5296	20.8064	4.0339	1.00000
1100	3.6500	2.4219	1.4889	21.2269	4.0609	1.00000
1200	3.6909	2.3945	1.4544	21.6057	4.0897	1.00000
1300	3.7286	2.3687	1.4242	21.9508	4.1175	1.00000
1400	3.7632	2.3445	1.3979	22.2795	4.1411	1.00000
1500	3.7950	2.3218	1.3745	22.5943	4.1583	0.99958
1600	3.8247	2.3004	1.3537	22.8786	4.1740	0.99953
1700	3.8530	2.2801	1.3352	23.1493	4.1929	0.99958
1800	3.8796	2.2508	1.3186	23.4083	4.2100	0.99954
1900	3.9052	2.2424	1.3035	23.6569	4.2306	0.99950
2000	3.9297	2.2247	1.2898	23.8964	4.2528	0.99946
2100	3.9532	2.2079	1.2772	24.1270	4.2752	0.99942
2200	3.9757	2.1917	1.2654	24.3487	4.2982	0.99939
2300	3.9972	2.1752	1.2543	24.5626	4.3200	0.99937
2400	4.0179	2.1613	1.2440	24.7693	4.3421	0.99936
2500	4.0380	2.1469	1.2345	24.9700	4.3655	0.99936
2600	4.0573	2.1330	1.2257	25.1647	4.3886	0.99938
2700	4.0759	2.1195	1.2175	25.3538	4.4110	0.99943
2800	4.0940	2.1064	1.2099	25.5378	4.4345	0.99950
2900	4.1115	2.0937	1.2028	25.7171	4.4578	0.99961
3000	4.1288	2.0814	1.1962	25.8950	4.4840	0.99977
3100	4.1454	2.0694	1.1901	26.0669	4.5089	0.99999

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3200	4.1516	2.0577	1.1845	26.2359	4.5340	1.00026
3300	4.1775	2.0462	1.1792	26.4017	4.5599	1.00052
3400	4.1929	2.0351	1.1744	26.5642	4.5863	1.00107
3500	4.2078	2.0242	1.1699	26.7222	4.6105	1.00164
3600	4.2225	2.0135	1.1659	26.8781	4.6364	1.00231
3700	4.2370	2.0030	1.1621	27.0338	4.6644	1.00311
3800	4.2514	1.9926	1.1587	27.1885	4.6948	1.00404
3900	4.2654	1.9825	1.1557	27.3409	4.7248	1.00513
4000	4.2790	1.9725	1.1531	27.4892	4.7526	1.00636
4100	4.2923	1.9626	1.1508	27.6356	4.7814	1.00778
4200	4.3056	1.9529	1.1489	27.7824	4.8125	1.00935
4300	4.3189	1.9432	1.1473	27.9292	4.8461	1.01150
4400	4.3319	1.9338	1.1460	28.0759	4.8807	1.01307
4500	4.3451	1.9244	1.1450	28.2235	4.9186	1.01521
4600	4.3579	1.9151	1.1443	28.3693	4.9557	1.01753
4700	4.3703	1.9059	1.1439	28.5117	4.9910	1.02006
4800	4.3825	1.8968	1.1439	28.6521	5.0259	1.02276
4900	4.3945	1.8877	1.1441	28.7915	5.0616	1.02566
5000	4.4071	1.8787	1.1447	28.9394	5.1070	1.02866
5100	4.4189	1.8698	1.1455	29.0789	5.1447	1.03189
5200	4.4303	1.8610	1.1465	29.2141	5.1798	1.03527
5300	4.4414	1.8522	1.1480	29.3462	5.2134	1.03882
5400	4.4523	1.8435	1.1496	29.4771	5.2465	1.04250
5500	4.4630	1.8348	1.1513	29.6067	5.2798	1.04630
5600	4.4737	1.8263	1.1532	29.7374	5.3151	1.05023
5700	4.4845	1.8178	1.1553	29.8705	5.3535	1.05427
5800	4.4955	1.8094	1.1576	30.0062	5.3960	1.05839
5900	4.5067	1.8011	1.1600	30.1464	5.4435	1.06259
6000	4.5183	1.7928	1.1626	30.2917	5.4968	1.06686
6100	4.5257	1.7861	1.1606	30.3899	5.5005	1.07109
6200	4.5356	1.7780	1.1636	30.5147	5.5360	1.07546
6300	4.5453	1.7699	1.1666	30.6387	5.5714	1.07989
6400	4.5549	1.7519	1.1696	30.7622	5.6063	1.08435
6500	4.5643	1.7540	1.1728	30.8844	5.6414	1.08894
6600	4.5736	1.7462	1.1760	31.0054	5.6762	1.09337
6700	4.5828	1.7384	1.1793	31.1257	5.7110	1.09791
6800	4.5919	1.7308	1.1826	31.2460	5.7460	1.10249
6900	4.6009	1.7232	1.1861	31.3651	5.7813	1.10710
7000	4.6098	1.7157	1.1895	31.4846	5.8169	1.11174
7100	4.6186	1.7082	1.1931	31.6029	5.8530	1.11641
7200	4.6274	1.7008	1.1967	31.7219	5.8899	1.12113
7300	4.6362	1.6935	1.2004	31.8411	5.9276	1.12593
7400	4.6449	1.6862	1.2042	31.9610	5.9662	1.13078
7500	4.6536	1.6790	1.2081	32.0812	6.0059	1.13566
7600	4.6624	1.6718	1.2121	32.2022	6.0471	1.14067
7700	4.6711	1.6646	1.2162	32.3237	6.0896	1.14578
7800	4.6798	1.6575	1.2205	32.4469	6.1336	1.15099
7900	4.6886	1.6504	1.2249	32.5711	6.1794	1.15631
8000	4.6974	1.6433	1.2295	32.6966	6.2272	1.16177
8100	4.7062	1.6363	1.2342	32.8240	6.2769	1.16737
8200	4.7151	1.6292	1.2391	32.9529	6.3287	1.17311
8300	4.7241	1.6222	1.2442	33.0840	6.3827	1.17904
8400	4.7331	1.6151	1.2495	33.2172	6.4392	1.18517
8500	4.7422	1.6081	1.2551	33.3529	6.4983	1.19148
8600	4.7514	1.6010	1.2608	33.4913	6.5599	1.19801

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8700	4.7506	1.5939	1.2668	33.6314	6.6238	1.20474
8800	4.7700	1.5968	1.2730	33.7743	6.6908	1.21172
8900	4.7794	1.5797	1.2795	33.9200	6.7608	1.21893
9000	4.7889	1.5726	1.2863	34.0689	6.8335	1.22640
9100	4.7985	1.5654	1.2934	34.2205	6.9094	1.23418
9200	4.8081	1.5582	1.3008	34.3751	6.9881	1.24220
9300	4.8179	1.5509	1.3084	34.5327	7.0694	1.25047
9400	4.8277	1.5436	1.3163	34.6933	7.1541	1.25907
9500	4.8376	1.5363	1.3246	34.8576	7.2422	1.26797
9600	4.8476	1.5290	1.3332	35.0249	7.3332	1.27717
9700	4.8576	1.5216	1.3421	35.1947	7.4267	1.28665
9800	4.8677	1.5141	1.3514	35.3683	7.5238	1.29649
9900	4.8778	1.5067	1.3609	35.5448	7.6234	1.30660
10000	4.8879	1.4992	1.3707	35.7243	7.7255	1.31699
10100	4.8981	1.4916	1.3809	35.9073	7.8309	1.32775
10200	4.9083	1.4841	1.3914	36.0927	7.9386	1.33878
10300	4.9186	1.4765	1.4023	36.2815	8.0495	1.35017
10400	4.9289	1.4688	1.4135	36.4729	8.1625	1.36182
10500	4.9391	1.4612	1.4249	36.6659	8.2773	1.37374
10600	4.9493	1.4535	1.4366	36.8628	8.3950	1.38599
10700	4.9595	1.4458	1.4486	37.0613	8.5142	1.39949
10800	4.9697	1.4381	1.4609	37.2619	8.6346	1.41120
10900	4.9798	1.4304	1.4734	37.4648	8.7575	1.42423
11000	4.9899	1.4227	1.4862	37.6691	8.8812	1.43746
11100	4.9998	1.4150	1.4991	37.8744	9.0055	1.45084
11200	5.0098	1.4073	1.5123	38.0815	9.1316	1.46451
11300	5.0195	1.3996	1.5255	38.2882	9.2565	1.47920
11400	5.0292	1.3920	1.5390	38.4961	9.3826	1.49211
11500	5.0389	1.3844	1.5526	38.7060	9.5098	1.50623
11600	5.0483	1.3768	1.5662	38.9137	9.6347	1.52030
11700	5.0576	1.3693	1.5800	39.1227	9.7601	1.53452
11800	5.0668	1.3618	1.5938	39.3305	9.8843	1.54877
11900	5.0759	1.3544	1.6076	39.5385	10.0085	1.56311
12000	5.0848	1.3471	1.6213	39.7435	10.1293	1.57728
12100	5.0935	1.3398	1.6351	39.9483	10.2495	1.59151
12200	5.1020	1.3326	1.6487	40.1512	10.3676	1.60565
12300	5.1105	1.3255	1.6624	40.3533	10.4845	1.61980
12400	5.1186	1.3185	1.6758	40.5514	10.5972	1.63367
12500	5.1266	1.3116	1.6891	40.7484	10.7085	1.64753
12600	5.1345	1.3047	1.7022	40.9424	10.8168	1.66118
12700	5.1421	1.2980	1.7152	41.1330	10.9217	1.67462
12800	5.1495	1.2914	1.7278	41.3207	11.0232	1.68782
12900	5.1568	1.2849	1.7403	41.5063	11.1227	1.70091
13000	5.1639	1.2785	1.7526	41.6884	11.2185	1.71376
13100	5.1708	1.2722	1.7646	41.8670	11.3108	1.72633
13200	5.1775	1.2661	1.7763	42.0420	11.3994	1.73861
13300	5.1840	1.2600	1.7877	42.2132	11.4844	1.75062
13400	5.1903	1.2540	1.7989	42.3821	11.5669	1.76243
13500	5.1965	1.2482	1.8096	42.5459	11.6446	1.77386
13600	5.2025	1.2425	1.8202	42.7075	11.7198	1.78508
13700	5.2083	1.2369	1.8304	42.8653	11.7916	1.79600
13800	5.2140	1.2314	1.8403	43.0193	11.8596	1.80660
13900	5.2195	1.2260	1.8500	43.1712	11.9256	1.81703
14000	5.2249	1.2207	1.8592	43.3186	11.9873	1.82705
14100	5.2301	1.2155	1.8683	43.4632	12.0464	1.83688

LOG P= 3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14200	5.2352	1.2104	1.8771	43.6049	12.1029	1.84644
14300	5.2401	1.2054	1.8855	43.7434	12.1562	1.85570
14400	5.2450	1.2005	1.8936	43.8790	12.2068	1.86471
14500	5.2497	1.1957	1.9015	44.0114	12.2546	1.87345
14600	5.2543	1.1910	1.9091	44.1411	12.3000	1.88194
14700	5.2588	1.1863	1.9165	44.2690	12.3438	1.89027
14800	5.2631	1.1818	1.9235	44.3938	12.3847	1.89831
14900	5.2675	1.1773	1.9304	44.5167	12.4241	1.90621
15000	5.2717	1.1729	1.9371	44.6376	12.4618	1.91391

LOG P= 3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.1288	2.7820	2.9865	15.8033	4.4837	1.00000
400	3.2288	2.7322	2.4990	16.7810	4.2340	1.00000
500	3.3285	2.6874	2.2203	17.7546	4.2609	1.00000
600	3.4006	2.6470	2.0383	18.4598	4.1927	1.00000
700	3.4659	2.6102	1.9087	19.0933	4.1762	1.00000
800	3.5215	2.5759	1.8067	19.6249	4.1534	1.00000
900	3.5711	2.5442	1.7259	20.1018	4.1382	1.00000
1000	3.6183	2.5150	1.6612	20.5581	4.1528	1.00000
1100	3.6616	2.4879	1.5080	20.9798	4.1702	1.00000
1200	3.7015	2.4625	1.5634	21.3598	4.1912	1.00000
1300	3.7385	2.4387	1.5254	21.7063	4.2127	1.00000
1400	3.7726	2.4162	1.4924	22.0365	4.2311	1.00000
1500	3.8038	2.3949	1.4633	22.3529	4.2438	0.99951
1600	3.8330	2.3746	1.4372	22.6384	4.2552	0.99954
1700	3.8609	2.3553	1.4139	22.9102	4.2701	0.99948
1800	3.8871	2.3369	1.3930	23.1701	4.2837	0.99941
1900	3.9123	2.3193	1.3741	23.4196	4.3012	0.99936
2000	3.9366	2.3025	1.3570	23.6599	4.3206	0.99930
2100	3.9598	2.2864	1.3413	23.8914	4.3406	0.99926
2200	3.9821	2.2709	1.3269	24.1142	4.3616	0.99922
2300	4.0034	2.2560	1.3137	24.3289	4.3815	0.99919
2400	4.0239	2.2416	1.3014	24.5364	4.4020	0.99917
2500	4.0437	2.2278	1.2900	24.7376	4.4235	0.99917
2600	4.0628	2.2144	1.2794	24.9327	4.4448	0.99919
2700	4.0812	2.2014	1.2696	25.1219	4.4655	0.99923
2800	4.0991	2.1888	1.2603	25.3060	4.4872	0.99928
2900	4.1164	2.1765	1.2515	25.4853	4.5086	0.99939
3000	4.1335	2.1646	1.2434	25.6631	4.5329	0.99952
3100	4.1499	2.1530	1.2358	25.8348	4.5559	0.99971
3200	4.1659	2.1418	1.2287	26.0034	4.5792	0.99995
3300	4.1816	2.1307	1.2221	26.1686	4.6031	1.00027
3400	4.1968	2.1199	1.2160	26.3303	4.6274	1.00066
3500	4.2115	2.1094	1.2103	26.4873	4.6495	1.00116
3600	4.2259	2.0990	1.2050	26.6421	4.6732	1.00176
3700	4.2402	2.0889	1.2002	26.7965	4.6988	1.00247
3800	4.2544	2.0789	1.1957	26.9496	4.7269	1.00330
3900	4.2682	2.0691	1.1917	27.1003	4.7543	1.00427
4000	4.2814	2.0595	1.1881	27.2466	4.7795	1.00539
4100	4.2945	2.0499	1.1848	27.3909	4.8055	1.00666
4200	4.3075	2.0406	1.1819	27.5356	4.8339	1.00808
4300	4.3205	2.0313	1.1793	27.6800	4.8648	1.00849
4400	4.3334	2.0221	1.1771	27.8245	4.8968	1.01141

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.3462	2.0131	1.1751	27.9698	4.9320	1.01335
4600	4.3588	2.0042	1.1735	28.1130	4.9662	1.01545
4700	4.3709	1.9953	1.1721	28.2526	4.9985	1.01773
4800	4.3828	1.9866	1.1711	28.3898	5.0301	1.02017
4900	4.3946	1.9779	1.1704	28.5259	5.0624	1.02280
5000	4.4069	1.9692	1.1700	28.6702	5.1041	1.02553
5100	4.4184	1.9606	1.1700	28.8060	5.1382	1.02847
5200	4.4295	1.9521	1.1703	28.9378	5.1701	1.03155
5300	4.4403	1.9436	1.1709	29.0667	5.2006	1.03480
5400	4.4510	1.9352	1.1716	29.1945	5.2308	1.03818
5500	4.4615	1.9268	1.1726	29.3212	5.2616	1.04167
5600	4.4720	1.9186	1.1738	29.4492	5.2945	1.04531
5700	4.4826	1.9104	1.1751	29.5795	5.3305	1.04905
5800	4.4934	1.9023	1.1766	29.7122	5.3705	1.05287
5900	4.5045	1.8943	1.1783	29.8494	5.4155	1.05680
6000	4.5158	1.8863	1.1801	29.9917	5.4661	1.06079
6100	4.5229	1.8806	1.1753	30.0846	5.4641	1.06470
6200	4.5326	1.8727	1.1776	30.2069	5.4975	1.06882
6300	4.5421	1.8649	1.1801	30.3283	5.5310	1.07300
6400	4.5516	1.8571	1.1827	30.4493	5.5641	1.07722
6500	4.5609	1.8494	1.1853	30.5689	5.5973	1.08149
6600	4.5701	1.8417	1.1881	30.6875	5.6304	1.08581
6700	4.5792	1.8342	1.1909	30.8053	5.6634	1.09014
6800	4.5881	1.8267	1.1937	30.9231	5.6966	1.09451
6900	4.5970	1.8193	1.1967	31.0396	5.7300	1.09893
7000	4.6058	1.8120	1.1997	31.1564	5.7638	1.10338
7100	4.6145	1.8047	1.2029	31.2720	5.7979	1.10786
7200	4.6232	1.7974	1.2060	31.3881	5.8327	1.11239
7300	4.6318	1.7903	1.2093	31.5042	5.8681	1.11699
7400	4.6404	1.7832	1.2127	31.6209	5.9043	1.12163
7500	4.6490	1.7761	1.2161	31.7377	5.9414	1.12631
7600	4.6575	1.7591	1.2197	31.8550	5.9797	1.13111
7700	4.6660	1.7521	1.2234	31.9726	6.0192	1.13597
7800	4.6746	1.7551	1.2272	32.0916	6.0600	1.14093
7900	4.6831	1.7482	1.2311	32.2112	6.1022	1.14599
8000	4.6917	1.7413	1.2352	32.3320	6.1452	1.15117
8100	4.7003	1.7344	1.2394	32.4542	6.1918	1.15647
8200	4.7089	1.7276	1.2438	32.5777	6.2392	1.16188
8300	4.7176	1.7207	1.2484	32.7029	6.2885	1.16746
8400	4.7264	1.7139	1.2531	32.8300	6.3400	1.17321
8500	4.7352	1.7070	1.2581	32.9591	6.3938	1.17912
8600	4.7440	1.7002	1.2632	33.0907	6.4497	1.18523
8700	4.7530	1.6933	1.2686	33.2235	6.5077	1.19150
8800	4.7619	1.6864	1.2742	33.3587	6.5685	1.19799
8900	4.7710	1.6795	1.2800	33.4964	6.6318	1.20468
9000	4.7802	1.6726	1.2860	33.6369	6.6976	1.21161
9100	4.7894	1.6657	1.2924	33.7798	6.7663	1.21881
9200	4.7987	1.6587	1.2990	33.9253	6.8375	1.22623
9300	4.8080	1.6518	1.3058	34.0734	6.9110	1.23386
9400	4.8175	1.6448	1.3130	34.2243	6.9877	1.24179
9500	4.8270	1.6377	1.3204	34.3783	7.0673	1.24998
9600	4.8366	1.6306	1.3281	34.5352	7.1497	1.25845
9700	4.8462	1.6235	1.3361	34.6942	7.2345	1.26718
9800	4.8559	1.6164	1.3445	34.8568	7.3224	1.27622
9900	4.8656	1.6092	1.3531	35.0220	7.4129	1.28553

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	4.8754	1.6020	1.3619	35.1900	7.5057	1.29509
10100	4.8852	1.5947	1.3712	35.3613	7.6016	1.30498
10200	4.8951	1.5874	1.3807	35.5348	7.6997	1.31514
10300	4.9050	1.5801	1.3905	35.7116	7.8010	1.32564
10400	4.9149	1.5728	1.4006	35.8910	7.9045	1.33639
10500	4.9248	1.5654	1.4110	36.0720	8.0098	1.34740
10600	4.9348	1.5580	1.4217	36.2568	8.1180	1.35873
10700	4.9447	1.5506	1.4327	36.4433	8.2278	1.37032
10800	4.9545	1.5432	1.4439	36.6321	8.3392	1.38212
10900	4.9644	1.5357	1.4554	36.8233	8.4531	1.39425
11000	4.9743	1.5283	1.4672	37.0162	8.5682	1.40658
11100	4.9841	1.5208	1.4791	37.2103	8.6843	1.41909
11200	4.9938	1.5133	1.4914	37.4066	8.8024	1.43192
11300	5.0034	1.5059	1.5037	37.6029	8.9199	1.44479
11400	5.0130	1.4985	1.5163	37.8009	9.0389	1.45790
11500	5.0226	1.4910	1.5291	38.0012	9.1595	1.47127
11600	5.0319	1.4836	1.5419	38.2000	9.2786	1.48464
11700	5.0413	1.4762	1.5549	38.4006	9.3987	1.49820
11800	5.0504	1.4689	1.5680	38.6005	9.5183	1.51184
11900	5.0596	1.4616	1.5812	38.8015	9.6385	1.52563
12000	5.0685	1.4544	1.5944	39.0002	9.7561	1.53931
12100	5.0773	1.4472	1.6076	39.1994	9.8738	1.55311
12200	5.0859	1.4400	1.6208	39.3973	9.9902	1.56690
12300	5.0945	1.4330	1.6341	39.5954	10.1061	1.58076
12400	5.1028	1.4260	1.6472	39.7901	10.2185	1.59441
12500	5.1110	1.4190	1.6603	39.9846	10.3304	1.60812
12600	5.1191	1.4122	1.6733	40.1768	10.4398	1.62169
12700	5.1269	1.4054	1.6861	40.3663	10.5467	1.63514
12800	5.1346	1.3988	1.6988	40.5536	10.6508	1.64841
12900	5.1421	1.3922	1.7114	40.7397	10.7535	1.66163
13000	5.1495	1.3857	1.7238	40.9228	10.8533	1.67466
13100	5.1567	1.3793	1.7360	41.1031	10.9500	1.68750
13200	5.1637	1.3731	1.7479	41.2802	11.0434	1.70009
13300	5.1705	1.3669	1.7596	41.4541	11.1338	1.71247
13400	5.1772	1.3608	1.7711	41.6262	11.2220	1.72470
13500	5.1836	1.3548	1.7823	41.7936	11.3057	1.73659
13600	5.1900	1.3490	1.7932	41.9591	11.3874	1.74831
13700	5.1961	1.3432	1.8039	42.1211	11.4657	1.75978
13800	5.2021	1.3376	1.8143	42.2796	11.5407	1.77094
13900	5.2080	1.3320	1.8245	42.4363	11.6137	1.78197
14000	5.2137	1.3265	1.8343	42.5886	11.6825	1.79260
14100	5.2192	1.3212	1.8439	42.7382	11.7488	1.80306
14200	5.2246	1.3159	1.8533	42.8851	11.8125	1.81327
14300	5.2299	1.3108	1.8623	43.0288	11.8730	1.82319
14400	5.2350	1.3057	1.8710	43.1695	11.9307	1.83285
14500	5.2400	1.3007	1.8795	43.3071	11.9857	1.84226
14600	5.2449	1.2959	1.8876	43.4419	12.0379	1.85141
14700	5.2497	1.2911	1.8956	43.5750	12.0887	1.86041
14800	5.2543	1.2864	1.9032	43.7045	12.1360	1.86909
14900	5.2589	1.2818	1.9107	43.8323	12.1820	1.87754
15000	5.2634	1.2772	1.9179	43.9578	12.2259	1.88597

LOG P= 3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.1730	2.8098	3.5537	15.5490	4.9651	1.00000
400	3.2649	2.7670	2.9159	16.5227	4.6004	1.00000
500	3.3586	2.7278	2.5475	17.5052	4.5574	1.00000
600	3.4266	2.6922	2.3069	18.2102	4.4513	1.00000
700	3.4886	2.6595	2.1367	18.8452	4.4008	1.00000
800	3.5412	2.6293	2.0093	19.3754	4.3462	1.00000
900	3.5883	2.6011	1.9098	19.8521	4.3063	1.00000
1000	3.6340	2.5744	1.8261	20.3099	4.3057	1.00000
1100	3.6759	2.5494	1.7574	20.7328	4.3104	1.00000
1200	3.7148	2.5260	1.6999	21.1140	4.3209	1.00000
1300	3.7508	2.5039	1.6511	21.4615	4.3335	1.00000
1400	3.7841	2.4830	1.6091	21.7931	4.3447	1.00000
1500	3.8147	2.4632	1.5723	22.1108	4.3511	0.99953
1600	3.8433	2.4444	1.5399	22.3974	4.3570	0.99945
1700	3.8706	2.4265	1.5110	22.6701	4.3669	0.99937
1800	3.8963	2.4093	1.4850	22.9308	4.3759	0.99928
1900	3.9211	2.3928	1.4615	23.1811	4.3892	0.99921
2000	3.9450	2.3769	1.4400	23.4223	4.4051	0.99913
2100	3.9678	2.3616	1.4205	23.6547	4.4217	0.99907
2200	3.9898	2.3468	1.4025	23.8783	4.4398	0.99901
2300	4.0108	2.3326	1.3861	24.0938	4.4570	0.99896
2400	4.0310	2.3189	1.3709	24.3019	4.4748	0.99893
2500	4.0506	2.3057	1.3568	24.5037	4.4939	0.99891
2600	4.0694	2.2929	1.3438	24.6991	4.5128	0.99891
2700	4.0876	2.2804	1.3317	24.8887	4.5311	0.99894
2800	4.1052	2.2683	1.3204	25.0730	4.5508	0.99898
2900	4.1223	2.2566	1.3099	25.2525	4.5703	0.99907
3000	4.1392	2.2452	1.3001	25.4304	4.5927	0.99920
3100	4.1554	2.2340	1.2909	25.6020	4.6138	0.99937
3200	4.1712	2.2232	1.2823	25.7704	4.6351	0.99962
3300	4.1866	2.2126	1.2743	25.9352	4.6571	0.99990
3400	4.2017	2.2022	1.2668	26.0964	4.6794	1.00026
3500	4.2161	2.1920	1.2597	26.2527	4.6992	1.00069
3600	4.2303	2.1821	1.2531	26.4065	4.7205	1.00122
3700	4.2443	2.1723	1.2469	26.5597	4.7437	1.00185
3800	4.2582	2.1627	1.2412	26.7115	4.7692	1.00259
3900	4.2718	2.1533	1.2359	26.8636	4.7940	1.00346
4000	4.2848	2.1440	1.2311	27.0051	4.8164	1.00445
4100	4.2976	2.1348	1.2267	27.1474	4.8396	1.00559
4200	4.3103	2.1258	1.2227	27.2900	4.8651	1.00686
4300	4.3231	2.1169	1.2190	27.4323	4.8931	1.00363
4400	4.3356	2.1081	1.2158	27.5746	4.9223	1.00986
4500	4.3482	2.0993	1.2128	27.7176	4.9546	1.01159
4600	4.3605	2.0907	1.2102	27.8584	4.9860	1.01348
4700	4.3724	2.0822	1.2079	27.9954	5.0153	1.01554
4800	4.3840	2.0738	1.2060	28.1298	5.0438	1.01776
4900	4.3954	2.0655	1.2043	28.2628	5.0727	1.02013
5000	4.4075	2.0572	1.2030	28.4037	5.1109	1.02261
5100	4.4187	2.0489	1.2019	28.5361	5.1415	1.02529
5200	4.4295	2.0408	1.2013	28.6646	5.1700	1.02810
5300	4.4401	2.0326	1.2009	28.7904	5.1974	1.03109
5400	4.4505	2.0246	1.2007	28.9154	5.2249	1.03419
5500	4.4608	2.0166	1.2007	29.0396	5.2533	1.03739
5600	4.4711	2.0087	1.2009	29.1651	5.2838	1.04073
5700	4.4816	2.0009	1.2013	29.2929	5.3175	1.04417

T	LOG H/R	LOG RHO	: Z	S/R	H/RT	Z*
5800	4.4922	1.9931	1.2020	29.4230	5.3549	1.04771
5900	4.5030	1.9854	1.2028	29.5575	5.3975	1.05135
6000	4.5142	1.9777	1.2038	29.6968	5.4455	1.05508
6100	4.5206	1.9735	1.1948	29.7838	5.4361	1.05865
6200	4.5302	1.9658	1.1965	29.9035	5.4675	1.06250
6300	4.5396	1.9582	1.1983	30.0224	5.4988	1.06644
6400	4.5489	1.9507	1.2003	30.1408	5.5299	1.07041
6500	4.5581	1.9432	1.2024	30.2581	5.5612	1.07444
6600	4.5671	1.9357	1.2046	30.3741	5.5924	1.07854
6700	4.5761	1.9284	1.2068	30.4895	5.6235	1.08265
6800	4.5849	1.9211	1.2092	30.6048	5.6549	1.08681
6900	4.5937	1.9139	1.2116	30.7189	5.6864	1.09101
7000	4.6024	1.9067	1.2142	30.8331	5.7183	1.09526
7100	4.6110	1.8997	1.2168	30.9460	5.7503	1.09954
7200	4.6195	1.8926	1.2195	31.0593	5.7830	1.10387
7300	4.6280	1.8856	1.2223	31.1725	5.8162	1.10827
7400	4.6364	1.8787	1.2252	31.2861	5.8502	1.11269
7500	4.6448	1.8718	1.2282	31.3997	5.8848	1.11717
7600	4.6532	1.8650	1.2313	31.5136	5.9204	1.12174
7700	4.6615	1.8592	1.2345	31.6276	5.9571	1.12638
7800	4.6699	1.8514	1.2378	31.7428	5.9949	1.13110
7900	4.6782	1.8447	1.2412	31.8583	6.0339	1.13591
8000	4.6866	1.8379	1.2448	31.9747	6.0744	1.14082
8100	4.6950	1.8312	1.2485	32.0924	6.1163	1.14584
8200	4.7034	1.8246	1.2524	32.2109	6.1597	1.15095
8300	4.7118	1.8179	1.2564	32.3309	6.2048	1.15620
8400	4.7203	1.8113	1.2606	32.4525	6.2518	1.16161
8500	4.7288	1.8046	1.2650	32.5758	6.3009	1.16716
8600	4.7374	1.7980	1.2695	32.7012	6.3518	1.17288
8700	4.7460	1.7914	1.2742	32.8276	6.4044	1.17873
8800	4.7547	1.7847	1.2792	32.9560	6.4596	1.18478
8900	4.7634	1.7781	1.2843	33.0864	6.5169	1.19101
9000	4.7722	1.7714	1.2897	33.2193	6.5765	1.19744
9100	4.7811	1.7647	1.2953	33.3544	6.6386	1.20412
9200	4.7901	1.7580	1.3012	33.4916	6.7031	1.21098
9300	4.7990	1.7513	1.3073	33.6312	6.7695	1.21803
9400	4.8081	1.7445	1.3136	33.7732	6.8389	1.22535
9500	4.8173	1.7378	1.3202	33.9180	6.9110	1.23290
9600	4.8265	1.7310	1.3271	34.0653	6.9854	1.24070
9700	4.8357	1.7241	1.3343	34.2145	7.0622	1.24874
9800	4.8450	1.7173	1.3417	34.3670	7.1419	1.25706
9900	4.8544	1.7104	1.3494	34.5219	7.2238	1.26562
10000	4.8638	1.7034	1.3573	34.6793	7.3080	1.27442
10100	4.8733	1.6965	1.3656	34.8397	7.3951	1.28352
10200	4.8828	1.6895	1.3741	35.0023	7.4844	1.29286
10300	4.8923	1.6825	1.3830	35.1678	7.5765	1.30252
10400	4.9019	1.6754	1.3921	35.3359	7.6708	1.31242
10500	4.9114	1.6684	1.4015	35.5055	7.7670	1.32257
10600	4.9211	1.6612	1.4112	35.6788	7.8660	1.33302
10700	4.9307	1.6541	1.4212	35.8537	7.9667	1.34372
10800	4.9402	1.6470	1.4314	36.0311	8.0691	1.35462
10900	4.9499	1.6398	1.4419	36.2107	8.1740	1.36586
11000	4.9594	1.6326	1.4526	36.3923	8.2804	1.37730
11100	4.9690	1.6254	1.4635	36.5752	8.3879	1.38893
11200	4.9785	1.6182	1.4748	36.7604	8.4977	1.40088

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11300	4.9879	1.6110	1.4861	36.9461	8.6073	1.41290
11400	4.9974	1.6038	1.4978	37.1336	8.7187	1.42518
11500	5.0068	1.5966	1.5096	37.3238	8.8319	1.43774
11600	5.0160	1.5894	1.5216	37.5130	8.9444	1.45034
11700	5.0252	1.5822	1.5337	37.7045	9.0582	1.46315
11800	5.0344	1.5751	1.5460	37.8957	9.1721	1.47609
11900	5.0434	1.5679	1.5585	38.0885	9.2870	1.48923
12000	5.0523	1.5608	1.5709	38.2797	9.4000	1.50230
12100	5.0611	1.5538	1.5834	38.4718	9.5136	1.51554
12200	5.0698	1.5467	1.5961	38.6635	9.6265	1.52882
12300	5.0785	1.5397	1.6088	38.8558	9.7397	1.54224
12400	5.0869	1.5328	1.6214	39.0455	9.8501	1.55550
12500	5.0952	1.5260	1.6341	39.2356	9.9605	1.56889
12600	5.1034	1.5192	1.6467	39.4242	10.0692	1.58221
12700	5.1114	1.5124	1.6593	39.6107	10.1760	1.59545
12800	5.1192	1.5058	1.6717	39.7958	10.2807	1.60859
12900	5.1270	1.4992	1.6841	39.9802	10.3846	1.62174
13000	5.1346	1.4927	1.6964	40.1623	10.4963	1.63477
13100	5.1420	1.4862	1.7086	40.3423	10.5855	1.64757
13200	5.1492	1.4799	1.7205	40.5197	10.6820	1.66038
13300	5.1563	1.4737	1.7323	40.6945	10.7759	1.67294
13400	5.1633	1.4675	1.7440	40.8680	10.8683	1.68541
13500	5.1700	1.4614	1.7554	41.0374	10.9567	1.69750
13600	5.1766	1.4555	1.7666	41.2054	11.0434	1.70957
13700	5.1831	1.4496	1.7776	41.3704	11.1273	1.72153
13800	5.1894	1.4438	1.7884	41.5321	11.2079	1.73312
13900	5.1956	1.4381	1.7990	41.6925	11.2870	1.74463
14000	5.2016	1.4325	1.8092	41.8487	11.3620	1.75576
14100	5.2075	1.4270	1.8193	42.0026	11.4349	1.76576
14200	5.2132	1.4216	1.8291	42.1538	11.5051	1.77755
14300	5.2188	1.4163	1.8386	42.3022	11.5722	1.78805
14400	5.2242	1.4111	1.8478	42.4476	11.6369	1.79831
14500	5.2295	1.4060	1.8568	42.5900	11.6986	1.80833
14600	5.2347	1.4010	1.8655	42.7296	11.7577	1.81811
14700	5.2398	1.3961	1.8740	42.8675	11.8150	1.82774
14800	5.2447	1.3912	1.8822	43.0018	11.8691	1.83705
14900	5.2495	1.3865	1.8902	43.1343	11.9216	1.84623
15000	5.2543	1.3818	1.8979	43.2645	11.9719	1.85518

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.2222	2.8358	4.2427	15.2819	5.5594	1.00000
400	3.3058	2.7989	3.4305	16.2574	5.0552	1.00000
500	3.3934	2.7648	2.9548	17.2511	4.9478	1.00000
600	3.4571	2.7335	2.6425	17.9585	4.7745	1.00000
700	3.5156	2.7047	2.4214	18.5962	4.6830	1.00000
800	3.5655	2.6778	2.2565	19.1273	4.5958	1.00000
900	3.6103	2.6526	2.1284	19.6049	4.5298	1.00000
1000	3.6536	2.5290	2.0259	20.0627	4.5044	1.00000
1100	3.6936	2.6066	1.9418	20.4859	4.4891	1.00000
1200	3.7309	2.5853	1.8694	20.8678	4.4850	1.00000
1300	3.7658	2.5650	1.8072	21.2162	4.4860	1.00000
1400	3.7981	2.5457	1.7538	21.5489	4.4874	1.00000
1500	3.8279	2.5274	1.7074	21.8678	4.4856	0.99946

LOG P= 3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1600	3.8558	2.5099	1.6665	22.1557	4.4843	0.99937
1700	3.8825	2.4931	1.6302	22.4295	4.4878	0.99929
1800	3.9076	2.4771	1.5977	22.6912	4.4911	0.99918
1900	3.9319	2.4618	1.5585	22.9424	4.4993	0.99906
2000	3.9552	2.4470	1.5419	23.1843	4.5103	0.99897
2100	3.9776	2.4328	1.5177	23.4174	4.5227	0.99889
2200	3.9992	2.4190	1.4956	23.6416	4.5368	0.99880
2300	4.0198	2.4058	1.4753	23.8577	4.5503	0.99872
2400	4.0396	2.3928	1.4565	24.0664	4.5649	0.99867
2500	4.0589	2.3803	1.4391	24.2686	4.5808	0.99863
2600	4.0774	2.3681	1.4230	24.4645	4.5967	0.99861
2700	4.0953	2.3563	1.4079	24.6545	4.6122	0.99861
2800	4.1127	2.3448	1.3940	24.8391	4.6291	0.99864
2900	4.1295	2.3336	1.3809	25.0187	4.6460	0.99870
3000	4.1461	2.3227	1.3688	25.1968	4.6660	0.99881
3100	4.1620	2.3121	1.3573	25.3684	4.6847	0.99895
3200	4.1776	2.3018	1.3467	25.5367	4.7036	0.99925
3300	4.1928	2.2916	1.3367	25.7013	4.7233	0.99954
3400	4.2075	2.2817	1.3273	25.8621	4.7431	0.99988
3500	4.2217	2.2720	1.3186	26.0178	4.7607	1.00023
3600	4.2357	2.2625	1.3104	26.1710	4.7797	1.00071
3700	4.2495	2.2532	1.3027	26.3233	4.8004	1.00127
3800	4.2631	2.2440	1.2956	26.4740	4.8235	1.00195
3900	4.2764	2.2350	1.2890	26.6219	4.8457	1.00271
4000	4.2892	2.2261	1.2829	26.7649	4.8654	1.00360
4100	4.3017	2.2173	1.2773	26.9055	4.8858	1.00460
4200	4.3142	2.2086	1.2722	27.0462	4.9084	1.00574
4300	4.3266	2.2000	1.2675	27.1866	4.9335	1.00701
4400	4.3389	2.1915	1.2630	27.3269	4.9598	1.00842
4500	4.3513	2.1832	1.2589	27.4677	4.9893	1.00998
4600	4.3633	2.1749	1.2552	27.6064	5.0177	1.01167
4700	4.3749	2.1567	1.2519	27.7410	5.0440	1.01353
4800	4.3862	2.1586	1.2489	27.8727	5.0692	1.01553
4900	4.3973	2.1506	1.2462	28.0027	5.0948	1.01766
5000	4.4090	2.1426	1.2439	28.1404	5.1293	1.01992
5100	4.4199	2.1347	1.2419	28.2694	5.1562	1.02234
5200	4.4304	2.1269	1.2403	28.3945	5.1811	1.02491
5300	4.4407	2.1191	1.2390	28.5172	5.2052	1.02765
5400	4.4509	2.1113	1.2379	28.6391	5.2295	1.03050
5500	4.4609	2.1036	1.2371	28.7605	5.2551	1.03344
5600	4.4711	2.0960	1.2365	28.8834	5.2830	1.03650
5700	4.4813	2.0885	1.2361	29.0085	5.3140	1.03967
5800	4.4917	2.0810	1.2359	29.1360	5.3490	1.04295
5900	4.5024	2.0736	1.2359	29.2679	5.3890	1.04628
6000	4.5133	2.0663	1.2360	29.4046	5.4345	1.04974
6100	4.5191	2.0645	1.2198	29.4871	5.4173	1.05291
6200	4.5285	2.0571	1.2208	29.6042	5.4465	1.05651
6300	4.5378	2.0497	1.2220	29.7206	5.4755	1.06019
6400	4.5469	2.0424	1.2233	29.8365	5.5045	1.06392
6500	4.5559	2.0352	1.2248	29.9513	5.5339	1.06770
6600	4.5649	2.0280	1.2264	30.0650	5.5631	1.07156
6700	4.5737	2.0209	1.2280	30.1780	5.5923	1.07545
6800	4.5824	2.0138	1.2298	30.2908	5.6217	1.07938
6900	4.5910	2.0068	1.2317	30.4025	5.6513	1.08336
7000	4.5995	1.9999	1.2336	30.5142	5.6811	1.08739

LOG P= 3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7100	4.6080	1.9930	1.2357	30.6245	5.7112	1.09147
7200	4.6164	1.9861	1.2379	30.7353	5.7418	1.09559
7300	4.6247	1.9793	1.2401	30.8457	5.7728	1.09978
7400	4.6330	1.9726	1.2425	30.9564	5.8045	1.10399
7500	4.6412	1.9659	1.2449	31.0671	5.8367	1.10826
7600	4.6494	1.9593	1.2475	31.1778	5.8699	1.11260
7700	4.6576	1.9527	1.2502	31.2885	5.9039	1.11702
7800	4.6658	1.9461	1.2530	31.4001	5.9389	1.12151
7900	4.6740	1.9395	1.2559	31.5119	5.9749	1.12607
8000	4.6821	1.9330	1.2589	31.6244	6.0122	1.13073
8100	4.6903	1.9265	1.2621	31.7379	6.0508	1.13548
8200	4.6985	1.9201	1.2654	31.8520	6.0905	1.14030
8300	4.7067	1.9136	1.2689	31.9673	6.1318	1.14526
8400	4.7149	1.9072	1.2725	32.0839	6.1748	1.15035
8500	4.7232	1.9008	1.2763	32.2019	6.2195	1.15556
8600	4.7315	1.8943	1.2802	32.3218	6.2658	1.16092
8700	4.7398	1.8879	1.2843	32.4424	6.3137	1.16639
8800	4.7482	1.8815	1.2886	32.5646	6.3638	1.17205
8900	4.7566	1.8751	1.2931	32.6886	6.4157	1.17784
9000	4.7651	1.8687	1.2978	32.8147	6.4697	1.18383
9100	4.7737	1.8622	1.3028	32.9427	6.5260	1.19003
9200	4.7823	1.8558	1.3079	33.0726	6.5843	1.19639
9300	4.7909	1.8493	1.3132	33.2045	6.6444	1.20291
9400	4.7997	1.8428	1.3188	33.3385	6.7071	1.20968
9500	4.8085	1.8363	1.3247	33.4749	6.7723	1.21665
9600	4.8173	1.8298	1.3307	33.6136	6.8396	1.22384
9700	4.8262	1.8232	1.3370	33.7540	6.9090	1.23125
9800	4.8352	1.8166	1.3436	33.8972	6.9811	1.23891
9900	4.8441	1.8100	1.3504	34.0426	7.0553	1.24678
10000	4.8532	1.8034	1.3575	34.1904	7.1315	1.25488
10100	4.8623	1.7967	1.3649	34.3409	7.2105	1.26325
10200	4.8714	1.7900	1.3724	34.4932	7.2914	1.27182
10300	4.8806	1.7833	1.3804	34.6484	7.3750	1.28071
10400	4.8898	1.7766	1.3885	34.8058	7.4608	1.28981
10500	4.8990	1.7698	1.3969	34.9649	7.5484	1.29914
10600	4.9083	1.7630	1.4056	35.1273	7.6387	1.30877
10700	4.9176	1.7561	1.4145	35.2914	7.7307	1.31862
10800	4.9269	1.7493	1.4237	35.4578	7.8244	1.32868
10900	4.9362	1.7424	1.4332	35.5265	7.9207	1.33906
11000	4.9455	1.7355	1.4429	35.7971	8.0185	1.34964
11100	4.9548	1.7286	1.4528	35.9693	8.1175	1.36041
11200	4.9640	1.7217	1.4631	36.1436	8.2190	1.37149
11300	4.9732	1.7147	1.4734	36.3188	8.3205	1.38256
11400	4.9824	1.7078	1.4840	36.4958	8.4240	1.39410
11500	4.9916	1.7008	1.4949	36.6758	8.5297	1.40582
11600	5.0007	1.6939	1.5059	36.8550	8.6348	1.41761
11700	5.0098	1.6869	1.5171	37.0367	8.7415	1.42962
11800	5.0188	1.6800	1.5285	37.2186	8.8487	1.44179
11900	5.0277	1.6730	1.5401	37.4024	8.9574	1.45419
12000	5.0365	1.6662	1.5517	37.5850	9.0647	1.46656
12100	5.0453	1.6593	1.5635	37.7691	9.1732	1.47913
12200	5.0540	1.6524	1.5753	37.9532	9.2813	1.49179
12300	5.0626	1.6456	1.5874	38.1384	9.3902	1.50462
12400	5.0710	1.6388	1.5993	38.3217	9.4971	1.51736
12500	5.0794	1.6320	1.6114	38.5059	9.6045	1.53026

LOG P= 3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12600	5.0876	1.6253	1.6235	38.6892	9.7108	1.54316
12700	5.0957	1.6187	1.6356	38.8711	9.8157	1.55603
12800	5.1037	1.6121	1.6476	39.0521	9.9194	1.56886
12900	5.1116	1.6055	1.6596	39.2332	10.0227	1.58177
13000	5.1193	1.5990	1.6716	39.4125	10.1245	1.59462
13100	5.1269	1.5926	1.6836	39.5904	10.2242	1.60738
13200	5.1343	1.5863	1.6953	39.7664	10.3220	1.62003
13300	5.1416	1.5800	1.7070	39.9403	10.4179	1.63260
13400	5.1488	1.5739	1.7186	40.1135	10.5124	1.64511
13500	5.1558	1.5678	1.7300	40.2833	10.6039	1.65743
13600	5.1627	1.5617	1.7413	40.4520	10.6939	1.66966
13700	5.1694	1.5558	1.7524	40.6182	10.7815	1.68173
13800	5.1760	1.5499	1.7633	40.7817	10.8663	1.69359
13900	5.1824	1.5441	1.7741	40.9443	10.9500	1.70541
14000	5.1887	1.5385	1.7846	41.1029	11.0299	1.71689
14100	5.1949	1.5329	1.7949	41.2597	11.1081	1.72829
14200	5.2009	1.5274	1.8050	41.4142	11.1837	1.73950
14300	5.2067	1.5220	1.8149	41.5660	11.2567	1.75046
14400	5.2125	1.5166	1.8245	41.7152	11.3272	1.76122
14500	5.2181	1.5114	1.8339	41.8615	11.3949	1.77175
14600	5.2235	1.5063	1.8430	42.0052	11.4601	1.78206
14700	5.2289	1.5012	1.8520	42.1475	11.5240	1.79225
14800	5.2341	1.4962	1.8606	42.2861	11.5842	1.80214
14900	5.2393	1.4913	1.8691	42.4231	11.6432	1.81192
15000	5.2443	1.4865	1.8773	42.5579	11.6999	1.82147

LOG P= 3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.2759	2.8605	5.0680	14.9992	6.2919	1.00000
400	3.3515	2.8236	4.0560	15.9825	5.6161	1.00000
500	3.4326	2.7990	3.4547	16.9899	5.4157	1.00000
600	3.4919	2.7716	3.0567	17.7025	5.1733	1.00000
700	3.5469	2.7462	2.7740	18.3447	5.0322	1.00000
800	3.5938	2.7225	2.5629	18.8780	4.9058	1.00000
900	3.6362	2.7001	2.3991	19.3570	4.8084	1.00000
1000	3.6774	2.6791	2.2583	19.8158	4.7574	1.00000
1100	3.7154	2.6590	2.1613	20.2399	4.7205	1.00000
1200	3.7509	2.6400	2.0720	20.6223	4.6964	1.00000
1300	3.7842	2.6217	1.9964	20.9710	4.6797	1.00000
1400	3.8151	2.6043	1.9313	21.3041	4.6663	1.00000
1500	3.8439	2.5875	1.8734	21.6240	4.6533	0.99939
1600	3.8709	2.5714	1.8221	21.9130	4.6428	0.99928
1700	3.8968	2.5559	1.7767	22.1879	4.6382	0.99920
1800	3.9212	2.5411	1.7362	22.4507	4.6341	0.99907
1900	3.9449	2.5268	1.6997	22.7028	4.6357	0.99891
2000	3.9676	2.5130	1.6667	22.9456	4.6409	0.99892
2100	3.9895	2.4998	1.6367	23.1796	4.6479	0.99873
2200	4.0105	2.4869	1.6093	23.4045	4.6570	0.99852
2300	4.0307	2.4745	1.5842	23.6213	4.6661	0.99852
2400	4.0501	2.4625	1.5611	23.8306	4.6764	0.99843
2500	4.0690	2.4508	1.5397	24.0333	4.6883	0.99836
2600	4.0871	2.4394	1.5198	24.2296	4.7005	0.99830
2700	4.1046	2.4284	1.5013	24.4198	4.7125	0.99827
2800	4.1217	2.4177	1.4842	24.6046	4.7261	0.99827

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2900	4.1382	2.4072	1.4681	24.7843	4.7397	0.99830
3000	4.1544	2.3970	1.4530	24.9625	4.7567	0.99837
3100	4.1701	2.3870	1.4389	25.1342	4.7725	0.99849
3200	4.1854	2.3772	1.4256	25.3025	4.7886	0.99885
3300	4.2003	2.3676	1.4132	25.4671	4.8055	0.99918
3400	4.2148	2.3582	1.4014	25.6276	4.8227	0.99951
3500	4.2287	2.3490	1.3904	25.7829	4.8375	0.99979
3600	4.2424	2.3400	1.3801	25.9356	4.8538	1.00022
3700	4.2559	2.3312	1.3704	26.0872	4.8719	1.00072
3800	4.2693	2.3225	1.3612	26.2372	4.8921	1.00136
3900	4.2823	2.3139	1.3527	26.3840	4.9116	1.00203
4000	4.2948	2.3055	1.3447	26.5258	4.9284	1.00283
4100	4.3070	2.2972	1.3372	26.6651	4.9459	1.00368
4200	4.3192	2.2890	1.3302	26.8043	4.9655	1.00471
4300	4.3314	2.2809	1.3238	26.9430	4.9877	1.00592
4400	4.3434	2.2729	1.3178	27.0814	5.0109	1.00714
4500	4.3554	2.2650	1.3123	27.2203	5.0374	1.00858
4600	4.3671	2.2571	1.3073	27.3569	5.0627	1.01008
4700	4.3785	2.2493	1.3028	27.4893	5.0859	1.01170
4800	4.3895	2.2415	1.2986	27.6186	5.1080	1.01349
4900	4.4003	2.2339	1.2957	27.7461	5.1303	1.01544
5000	4.4117	2.2262	1.2917	27.8809	5.1614	1.01745
5100	4.4223	2.2186	1.2889	28.0069	5.1848	1.01965
5200	4.4325	2.2110	1.2864	28.1290	5.2062	1.02196
5300	4.4425	2.2034	1.2844	28.2486	5.2270	1.02439
5400	4.4524	2.1960	1.2824	28.3677	5.2481	1.02698
5500	4.4622	2.1886	1.2806	28.4863	5.2705	1.02968
5600	4.4721	2.1813	1.2790	28.6064	5.2955	1.03249
5700	4.4821	2.1741	1.2778	28.7288	5.3236	1.03541
5800	4.4923	2.1669	1.2767	28.8535	5.3558	1.03843
5900	4.5027	2.1597	1.2759	28.9826	5.3930	1.04151
6000	4.5134	2.1526	1.2753	29.1165	5.4357	1.04471
6100	4.5184	2.1536	1.2510	29.1940	5.4086	1.04750
6200	4.5276	2.1464	1.2514	29.3086	5.4355	1.05083
6300	4.5367	2.1393	1.2518	29.4226	5.4624	1.05425
6400	4.5457	2.1322	1.2525	29.5361	5.4892	1.05773
6500	4.5546	2.1252	1.2532	29.6486	5.5164	1.06127
6600	4.5633	2.1183	1.2541	29.7598	5.5435	1.06489
6700	4.5720	2.1114	1.2551	29.8704	5.5706	1.06854
6800	4.5805	2.1046	1.2563	29.9809	5.5980	1.07224
6900	4.5890	2.0978	1.2575	30.0901	5.6255	1.07600
7000	4.5974	2.0911	1.2589	30.1994	5.6533	1.07980
7100	4.6057	2.0844	1.2603	30.3073	5.6813	1.08367
7200	4.6140	2.0778	1.2619	30.4155	5.7099	1.08757
7300	4.6221	2.0712	1.2636	30.5234	5.7387	1.09154
7400	4.6303	2.0647	1.2654	30.6314	5.7682	1.09554
7500	4.6384	2.0582	1.2673	30.7393	5.7982	1.09959
7600	4.6464	2.0518	1.2693	30.8471	5.8289	1.10371
7700	4.6544	2.0454	1.2714	30.9547	5.8605	1.10791
7800	4.6624	2.0390	1.2736	31.0631	5.8928	1.11216
7900	4.6704	2.0327	1.2760	31.1715	5.9260	1.11649
8000	4.6784	2.0264	1.2784	31.2804	5.9603	1.12090
8100	4.6863	2.0201	1.2810	31.3901	5.9957	1.12540
8200	4.6943	2.0139	1.2837	31.5002	6.0322	1.12994
8300	4.7023	2.0076	1.2866	31.6113	6.0700	1.13462

LOG P= 3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8400	4.7103	2.0014	1.2896	31.7234	6.1092	1.13942
8500	4.7183	1.9952	1.2928	31.8367	6.1500	1.14431
8600	4.7263	1.9890	1.2961	31.9516	6.1922	1.14933
8700	4.7344	1.9828	1.2996	32.0670	6.2357	1.15445
8800	4.7425	1.9766	1.3032	32.1837	6.2812	1.15975
8900	4.7507	1.9705	1.3071	32.3020	6.3284	1.16515
9000	4.7589	1.9643	1.3111	32.4220	6.3772	1.17073
9100	4.7671	1.9581	1.3153	32.5436	6.4282	1.17649
9200	4.7754	1.9519	1.3197	32.6669	6.4810	1.18240
9300	4.7838	1.9456	1.3243	32.7919	6.5353	1.18844
9400	4.7922	1.9394	1.3292	32.9187	6.5921	1.19470
9500	4.8006	1.9332	1.3342	33.0475	6.6509	1.20114
9600	4.8091	1.9269	1.3395	33.1785	6.7118	1.20779
9700	4.8176	1.9206	1.3450	33.3108	6.7745	1.21461
9800	4.8263	1.9143	1.3507	33.4457	6.8397	1.22167
9900	4.8349	1.9080	1.3567	33.5825	6.9067	1.22892
10000	4.8436	1.9017	1.3629	33.7214	6.9755	1.23636
10100	4.8523	1.8953	1.3694	33.8628	7.0471	1.24405
10200	4.8611	1.8889	1.3760	34.0059	7.1204	1.25194
10300	4.8699	1.8825	1.3830	34.1515	7.1963	1.26011
10400	4.8788	1.8760	1.3902	34.2993	7.2740	1.26847
10500	4.8877	1.8695	1.3976	34.4483	7.3536	1.27705
10600	4.8966	1.8530	1.4054	34.6008	7.4356	1.28590
10700	4.9056	1.8565	1.4133	34.7547	7.5195	1.29495
10800	4.9145	1.8500	1.4215	34.9108	7.6049	1.30421
10900	4.9235	1.8434	1.4300	35.0691	7.6928	1.31376
11000	4.9325	1.8368	1.4387	35.2292	7.7823	1.32351
11100	4.9415	1.8302	1.4476	35.3910	7.8731	1.33345
11200	4.9505	1.8235	1.4568	35.5549	7.9663	1.34368
11300	4.9594	1.8169	1.4661	35.7197	8.0599	1.35402
11400	4.9684	1.8102	1.4757	35.8864	8.1554	1.36462
11500	4.9773	1.8035	1.4856	36.0562	8.2532	1.37549
11600	4.9862	1.7969	1.4956	36.2254	8.3507	1.38646
11700	4.9951	1.7902	1.5058	36.3974	8.4502	1.39765
11800	5.0039	1.7835	1.5162	36.5697	8.5503	1.40903
11900	5.0127	1.7768	1.5269	36.7442	8.6522	1.42064
12000	5.0214	1.7701	1.5376	36.9180	8.7532	1.43227
12100	5.0300	1.7635	1.5484	37.0934	8.8556	1.44411
12200	5.0386	1.7568	1.5595	37.2692	8.9582	1.45608
12300	5.0471	1.7501	1.5707	37.4465	9.0618	1.46824
12400	5.0555	1.7435	1.5819	37.6225	9.1640	1.48036
12500	5.0639	1.7370	1.5932	37.7998	9.2671	1.49267
12600	5.0721	1.7304	1.6046	37.9766	9.3696	1.50502
12700	5.0802	1.7239	1.6160	38.1526	9.4714	1.51740
12800	5.0882	1.7174	1.6274	38.3283	9.5723	1.52978
12900	5.0962	1.7110	1.6390	38.5045	9.6734	1.54228
13000	5.1040	1.7046	1.6505	38.6794	9.7736	1.55478
13100	5.1117	1.6982	1.6620	38.8536	9.8723	1.56725
13200	5.1193	1.6920	1.6734	39.0265	9.9696	1.57966
13300	5.1267	1.6858	1.6847	39.1977	10.0654	1.59203
13400	5.1340	1.6796	1.6961	39.3689	10.1607	1.60441
13500	5.1412	1.6735	1.7073	39.5373	10.2534	1.61668
13600	5.1483	1.6675	1.7184	39.7051	10.3450	1.62889
13700	5.1552	1.6615	1.7294	39.8709	10.4348	1.64100
13800	5.1620	1.6556	1.7403	40.0344	10.5224	1.65295

LOG P= 3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13900	5.1687	1.5498	1.7511	40.1976	10.6091	1.66490
14000	5.1752	1.5441	1.7616	40.3573	10.6925	1.67657
14100	5.1816	1.6384	1.7720	40.5157	10.7746	1.68821
14200	5.1879	1.5329	1.7823	40.6721	10.8546	1.69970
14300	5.1940	1.6274	1.7923	40.8262	10.9321	1.71098
14400	5.2001	1.6220	1.8022	40.9780	11.0075	1.72211
14500	5.2059	1.5167	1.8118	41.1273	11.0804	1.73303
14600	5.2117	1.6114	1.8212	41.2742	11.1509	1.74377
14700	5.2173	1.5063	1.8305	41.4199	11.2203	1.75443
14800	5.2228	1.6012	1.8394	41.5623	11.2864	1.76481
14900	5.2282	1.5962	1.8482	41.7031	11.3511	1.77509
15000	5.2335	1.5913	1.8568	41.8418	11.4136	1.78517

LOG P= 3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.3341	2.8847	6.0437	14.6978	7.1947	1.00000
400	3.4018	2.8568	4.8061	15.6954	6.3063	1.00000
500	3.4763	2.8309	4.0598	16.7193	5.9884	1.00000
600	3.5311	2.8070	3.5616	17.4403	5.6618	1.00000
700	3.5823	2.7948	3.2056	18.0890	5.4603	1.00000
800	3.6263	2.7639	2.9390	18.6259	5.2864	1.00000
900	3.6662	2.7442	2.7318	19.1074	5.1513	1.00000
1000	3.7050	2.7255	2.5662	19.5679	5.0693	1.00000
1100	3.7409	2.7076	2.4309	19.9933	5.0065	1.00000
1200	3.7747	2.6906	2.3182	20.3766	4.9604	1.00000
1300	3.8063	2.6743	2.2229	20.7261	4.9247	1.00000
1400	3.8359	2.6586	2.1412	21.0598	4.8947	1.00000
1500	3.8633	2.6435	2.0704	21.3802	4.8661	0.99933
1600	3.8891	2.5289	2.0083	21.6697	4.8418	0.99919
1700	3.9140	2.6149	1.9535	21.9454	4.8253	0.99911
1800	3.9375	2.6013	1.9046	22.2091	4.8110	0.99898
1900	3.9604	2.5881	1.8596	22.4621	4.8042	0.99877
2000	3.9824	2.5754	1.8188	22.7057	4.8018	0.99868
2100	4.0036	2.5431	1.7817	22.9405	4.8020	0.99857
2200	4.0241	2.5511	1.7479	23.1662	4.8049	0.99844
2300	4.0437	2.5396	1.7169	23.3837	4.8083	0.99832
2400	4.0627	2.5284	1.6884	23.5937	4.8134	0.99821
2500	4.0810	2.5174	1.6621	23.7971	4.8205	0.99811
2600	4.0988	2.5068	1.6377	23.9940	4.8282	0.99800
2700	4.1159	2.4965	1.5150	24.1848	4.8360	0.99794
2800	4.1325	2.4865	1.5938	24.3701	4.8457	0.99792
2900	4.1487	2.4767	1.5741	24.5503	4.8557	0.99793
3000	4.1646	2.4571	1.5556	24.7287	4.8691	0.99787
3100	4.1799	2.4578	1.5382	24.9006	4.8814	0.99800
3200	4.1948	2.4487	1.5219	25.0689	4.8942	0.99845
3300	4.2094	2.4397	1.5066	25.2334	4.9079	0.99882
3400	4.2236	2.4310	1.4921	25.3938	4.9219	0.99914
3500	4.2372	2.4224	1.4785	25.5487	4.9336	0.99938
3600	4.2506	2.4140	1.4656	25.7009	4.9468	0.99976
3700	4.2638	2.4058	1.4533	25.8519	4.9617	1.00021
3800	4.2769	2.3977	1.4418	26.0011	4.9789	1.00081
3900	4.2896	2.3897	1.4309	26.1472	4.9954	1.00140
4000	4.3018	2.3818	1.4206	26.2882	5.0092	1.00212
4100	4.3138	2.3740	1.4108	26.4265	5.0236	1.00284

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4200	4.3257	2.3664	1.4017	26.5645	5.0402	1.00377
4300	4.3376	2.3588	1.3930	26.7018	5.0593	1.00709
4400	4.3492	2.3513	1.3849	26.8387	5.0792	1.00598
4500	4.3610	2.3440	1.3773	26.9759	5.1024	1.00734
4600	4.3724	2.3366	1.3702	27.1106	5.1244	1.00867
4700	4.3834	2.3294	1.3636	27.2410	5.1443	1.01006
4800	4.3941	2.3222	1.3574	27.3683	5.1630	1.01166
4900	4.4047	2.3150	1.3518	27.4934	5.1818	1.01344
5000	4.4158	2.3079	1.3465	27.6259	5.2095	1.01523
5100	4.4260	2.3009	1.3417	27.7493	5.2293	1.01722
5200	4.4359	2.2939	1.3374	27.8688	5.2472	1.01924
5300	4.4456	2.2869	1.3335	27.9856	5.2643	1.02116
5400	4.4552	2.2799	1.3299	28.1018	5.2820	1.02336
5500	4.4647	2.2729	1.3268	28.2176	5.3010	1.02581
5600	4.4743	2.2660	1.3241	28.3348	5.3227	1.02847
5700	4.4840	2.2591	1.3218	28.4543	5.3475	1.03119
5800	4.4939	2.2522	1.3198	28.5762	5.3765	1.03391
5900	4.5041	2.2453	1.3183	28.7023	5.4105	1.03691
6000	4.5146	2.2385	1.3171	28.8333	5.4501	1.03984
6700	4.5711	2.1998	1.2980	29.5666	5.5594	1.06194
6800	4.5795	2.1933	1.2894	29.6748	5.5847	1.06541
6900	4.5878	2.1867	1.2900	29.7817	5.6101	1.06894
7000	4.5961	2.1802	1.2907	29.8886	5.6359	1.07252
7100	4.6042	2.1738	1.2915	29.9941	5.6617	1.07615
7200	4.6123	2.1674	1.2924	30.0999	5.6882	1.07993
7300	4.6203	2.1511	1.2935	30.2052	5.7149	1.08358
7400	4.6283	2.1548	1.2946	30.3107	5.7422	1.08736
7500	4.6362	2.1486	1.2959	30.4160	5.7699	1.09119
7600	4.6441	2.1423	1.2972	30.5210	5.7982	1.09509
7700	4.6520	2.1362	1.2988	30.6258	5.8274	1.09906
7800	4.6598	2.1300	1.3004	30.7312	5.8572	1.10309
7900	4.6675	2.1239	1.3021	30.8365	5.8877	1.10718
8000	4.6754	2.1178	1.3040	30.9421	5.9194	1.11134
8100	4.6831	2.1118	1.3060	31.0484	5.9518	1.11559
8200	4.6909	2.1057	1.3081	31.1548	5.9852	1.11988
8300	4.6987	2.0997	1.3103	31.2621	6.0198	1.12429
8400	4.7064	2.0937	1.3127	31.3702	6.0556	1.12880
8500	4.7142	2.0877	1.3152	31.4793	6.0928	1.13339
8600	4.7220	2.0818	1.3179	31.5897	6.1312	1.13811
8700	4.7299	2.0758	1.3207	31.7004	6.1707	1.14290
8800	4.7377	2.0699	1.3238	31.8122	6.2121	1.14787
8900	4.7456	2.0639	1.3269	31.9252	6.2548	1.15290
9000	4.7535	2.0580	1.3302	32.0399	6.2992	1.15810
9100	4.7615	2.0520	1.3338	32.1558	6.3453	1.16346
9200	4.7695	2.0461	1.3375	32.2731	6.3930	1.16895
9300	4.7775	2.0401	1.3413	32.3919	6.4422	1.17456
9400	4.7856	2.0342	1.3454	32.5122	6.4935	1.18036
9500	4.7937	2.0282	1.3497	32.6344	6.5467	1.18632
9600	4.8019	2.0222	1.3542	32.7582	6.6016	1.19246
9700	4.8101	2.0162	1.3589	32.8833	6.6582	1.19876
9800	4.8184	2.0102	1.3638	33.0107	6.7171	1.20527
9900	4.8267	2.0041	1.3689	33.1397	6.7776	1.21194
10000	4.8350	1.9981	1.3743	33.2706	6.8399	1.21879
10100	4.8435	1.9920	1.3798	33.4039	6.9045	1.22586
10200	4.8519	1.9859	1.3856	33.5385	6.9708	1.23312

LOG P= 3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10300	4.8604	1.9799	1.3917	33.6754	7.0394	1.24062
10400	4.8689	1.9736	1.3980	33.8143	7.1098	1.24830
10500	4.8774	1.9574	1.4044	33.9543	7.1820	1.25618
10600	4.8860	1.9512	1.4112	34.0974	7.2564	1.26430
10700	4.8946	1.9550	1.4182	34.2419	7.3326	1.27262
10800	4.9033	1.9488	1.4254	34.3886	7.4102	1.28112
10900	4.9119	1.9425	1.4329	34.5372	7.4903	1.28990
11000	4.9206	1.9362	1.4405	34.6875	7.5719	1.29886
11100	4.9293	1.9299	1.4484	34.8394	7.6549	1.30801
11200	4.9380	1.9236	1.4566	34.9934	7.7402	1.31744
11300	4.9466	1.9172	1.4649	35.1485	7.8259	1.32698
11400	4.9553	1.9109	1.4735	35.3054	7.9137	1.33676
11500	4.9640	1.9045	1.4824	35.4652	8.0037	1.34682
11600	4.9726	1.8981	1.4914	35.6247	8.0938	1.35697
11700	4.9812	1.8917	1.5006	35.7870	8.1858	1.36735
11800	4.9898	1.8853	1.5100	35.9498	8.2787	1.37793
11900	4.9985	1.8788	1.5196	36.1148	8.3735	1.38873
12000	5.0069	1.8724	1.5293	36.2794	8.4677	1.39958
12100	5.0154	1.8660	1.5393	36.4459	8.5634	1.41065
12200	5.0239	1.8596	1.5493	36.6130	8.6598	1.42187
12300	5.0323	1.8532	1.5596	36.7819	8.7574	1.43329
12400	5.0406	1.8468	1.5699	36.9499	8.8541	1.44471
12500	5.0488	1.8404	1.5804	37.1194	8.9520	1.45635
12600	5.0570	1.8341	1.5910	37.2889	9.0498	1.46807
12700	5.0651	1.8278	1.6016	37.4579	9.1472	1.47984
12800	5.0731	1.8215	1.6123	37.6272	9.2443	1.49165
12900	5.0810	1.8152	1.6231	37.7973	9.3418	1.50362
13000	5.0889	1.8090	1.6340	37.9667	9.4391	1.51564
13100	5.0966	1.8027	1.6448	38.1359	9.5353	1.52767
13200	5.1042	1.7966	1.6557	38.3042	9.6307	1.53969
13300	5.1118	1.7905	1.6665	38.4715	9.7252	1.55173
13400	5.1192	1.7844	1.6774	38.6392	9.8194	1.56382
13500	5.1265	1.7784	1.6882	38.8048	9.9119	1.57590
13600	5.1337	1.7724	1.6990	38.9702	10.0036	1.58792
13700	5.1408	1.7665	1.7097	39.1341	10.0940	1.59989
13800	5.1477	1.7507	1.7203	39.2962	10.1825	1.61175
13900	5.1546	1.7549	1.7309	39.4585	10.2707	1.62367
14000	5.1613	1.7492	1.7412	39.6176	10.3560	1.63535
14100	5.1679	1.7435	1.7516	39.7760	10.4404	1.64706
14200	5.1744	1.7379	1.7618	39.9329	10.5233	1.65867
14300	5.1808	1.7324	1.7718	40.0879	10.6040	1.67010
14400	5.1870	1.7270	1.7817	40.2409	10.6827	1.68142
14500	5.1932	1.7216	1.7913	40.3917	10.7594	1.69259
14600	5.1991	1.7163	1.8008	40.5406	10.8341	1.70360
14700	5.2051	1.7111	1.8102	40.6885	10.9078	1.71459
14800	5.2108	1.7060	1.8194	40.8334	10.9786	1.72531
14900	5.2165	1.7009	1.8284	40.9771	11.0482	1.73599
15000	5.2220	1.6959	1.8372	41.1189	11.1159	1.74649

LOG P= 3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.3967	2.9091	7.1839	14.3747	8.3093	1.00000
400	3.4567	2.8841	5.6940	15.3934	7.1553	1.00000
500	3.5243	2.8612	4.7829	16.4370	6.6885	1.00000

LOG P= 3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
600	3.5746	2.8403	4.1689	17.1699	6.2584	1.00000
700	3.6220	2.8208	3.7274	17.8275	5.9825	1.00000
800	3.6628	2.8025	3.3953	18.3699	5.7509	1.00000
900	3.7001	2.7852	3.1365	18.8551	5.5699	1.00000
1000	3.7364	2.7588	2.9294	19.3181	5.4504	1.00000
1100	3.7703	2.7530	2.7598	19.7453	5.3565	1.00000
1200	3.8021	2.7379	2.5186	20.1301	5.2838	1.00000
1300	3.8320	2.7234	2.4991	20.4803	5.2250	1.00000
1400	3.8601	2.7094	2.3968	20.8149	5.1751	1.00000
1500	3.8861	2.5958	2.3083	21.1358	5.1290	0.99926
1600	3.9108	2.6827	2.2308	21.4259	5.0892	0.99911
1700	3.9345	2.6700	2.1625	21.7021	5.0589	0.99901
1800	3.9570	2.6577	2.1019	21.9664	5.0322	0.99889
1900	3.9789	2.6457	2.0476	22.2199	5.0137	0.99853
2000	4.0001	2.6341	1.9987	22.4643	5.0009	0.99854
2100	4.0205	2.6228	1.9544	22.6997	4.9917	0.99842
2200	4.0402	2.6119	1.9140	22.9261	4.9862	0.99828
2300	4.0591	2.6012	1.8771	23.1444	4.9821	0.99813
2400	4.0775	2.5908	1.8422	23.3551	4.9807	0.99799
2500	4.0953	2.5807	1.8100	23.5592	4.9818	0.99787
2600	4.1126	2.5708	1.7801	23.7567	4.9840	0.99770
2700	4.1292	2.5612	1.7524	23.9481	4.9867	0.99762
2800	4.1454	2.5518	1.7266	24.1340	4.9916	0.99757
2900	4.1611	2.5427	1.7025	24.3148	4.9972	0.99755
3000	4.1766	2.5337	1.6799	24.4937	5.0063	0.99733
3100	4.1916	2.5250	1.6587	24.6661	5.0147	0.99749
3200	4.2062	2.5164	1.6387	24.8349	5.0237	0.99804
3300	4.2204	2.5081	1.6200	24.9997	5.0338	0.99847
3400	4.2343	2.4999	1.6023	25.1604	5.0445	0.99876
3500	4.2476	2.4919	1.5855	25.3156	5.0529	0.99900
3600	4.2607	2.4840	1.5697	25.4680	5.0629	0.99935
3700	4.2736	2.4763	1.5547	25.6190	5.0747	0.99974
3800	4.2864	2.4688	1.5404	25.7681	5.0889	1.00031
3900	4.2988	2.4613	1.5269	25.9139	5.1021	1.00082
4000	4.3107	2.4540	1.5140	26.0543	5.1128	1.00146
4100	4.3224	2.4459	1.5018	26.1918	5.1240	1.00208
4200	4.3340	2.4398	1.4901	26.3289	5.1373	1.00291
4300	4.3455	2.4329	1.4790	26.4651	5.1531	1.00871
4400	4.3569	2.4260	1.4684	26.6007	5.1696	1.00494
4500	4.3683	2.4193	1.4584	26.7363	5.1893	1.00620
4600	4.3794	2.4126	1.4487	26.8692	5.2077	1.00738
4700	4.3901	2.4061	1.4396	26.9976	5.2238	1.00858
4800	4.4005	2.3996	1.4309	27.1227	5.2387	1.01001
4900	4.4107	2.3930	1.4228	27.2461	5.2542	1.01165
5000	4.4215	2.3865	1.4152	27.3766	5.2784	1.01323
5100	4.4314	2.3801	1.4081	27.4980	5.2948	1.01503
5200	4.4410	2.3737	1.4013	27.6152	5.3091	1.01678
5300	4.4504	2.3574	1.3951	27.7297	5.3226	1.01811
5400	4.4597	2.3610	1.3892	27.8434	5.3366	1.01991
5500	4.4689	2.3547	1.3838	27.9565	5.3519	1.02209
5600	4.4781	2.3485	1.3788	28.0710	5.3698	1.02462
5700	4.4875	2.3422	1.3741	28.1876	5.3908	1.02713
5800	4.4971	2.3360	1.3699	28.3063	5.4158	1.02948
5900	4.5069	2.3297	1.3661	28.4293	5.4460	1.03249
6000	4.5171	2.3235	1.3627	28.5571	5.4816	1.03513

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8200	4.6883	2.1955	1.3392	30.8152	5.9501	1.11011
8300	4.6959	2.1897	1.3408	30.9190	5.9816	1.11425
8400	4.7035	2.1840	1.3425	31.0235	6.0143	1.11849
8500	4.7110	2.1782	1.3444	31.1287	6.0482	1.12281
8600	4.7186	2.1725	1.3464	31.2351	6.0832	1.12723
8700	4.7262	2.1668	1.3486	31.3416	6.1191	1.13172
8800	4.7338	2.1611	1.3509	31.4490	6.1567	1.13636
8900	4.7415	2.1554	1.3533	31.5573	6.1954	1.14106
9000	4.7491	2.1497	1.3560	31.6671	6.2356	1.14591
9100	4.7568	2.1440	1.3588	31.7779	6.2774	1.15091
9200	4.7645	2.1383	1.3618	31.8899	6.3205	1.15601
9300	4.7723	2.1326	1.3649	32.0032	6.3650	1.16122
9400	4.7801	2.1269	1.3683	32.1177	6.4113	1.16650
9500	4.7879	2.1212	1.3718	32.2338	6.4594	1.17211
9600	4.7958	2.1154	1.3755	32.3514	6.5089	1.17780
9700	4.8037	2.1097	1.3794	32.4700	6.5601	1.18362
9800	4.8116	2.1040	1.3835	32.5906	6.6132	1.18962
9900	4.8196	2.0982	1.3878	32.7126	6.6678	1.19577
10000	4.8276	2.0925	1.3923	32.8364	6.7241	1.20208
10100	4.8357	2.0867	1.3970	32.9622	6.7824	1.20858
10200	4.8438	2.0809	1.4019	33.0891	6.8423	1.21525
10300	4.8520	2.0750	1.4070	33.2181	6.9043	1.22215
10400	4.8601	2.0692	1.4124	33.3489	6.9580	1.22920
10500	4.8583	2.0633	1.4179	33.4807	7.0332	1.23643
10600	4.8766	2.0574	1.4238	33.6153	7.1006	1.24388
10700	4.8849	2.0515	1.4298	33.7511	7.1696	1.25152
10800	4.8932	2.0456	1.4360	33.8891	7.2400	1.25932
10900	4.9015	2.0396	1.4425	34.0287	7.3127	1.26738
11000	4.9099	2.0336	1.4492	34.1699	7.3869	1.27560
11100	4.9182	2.0276	1.4560	34.3129	7.4625	1.28401
11200	4.9266	2.0216	1.4632	34.4574	7.5402	1.29266
11300	4.9350	2.0156	1.4705	34.6033	7.6186	1.30144
11400	4.9433	2.0096	1.4780	34.7508	7.6989	1.31044
11500	4.9518	2.0035	1.4859	34.9012	7.7814	1.31971
11600	4.9601	1.9974	1.4938	35.0515	7.8642	1.32908
11700	4.9685	1.9913	1.5020	35.2045	7.9488	1.33867
11800	4.9768	1.9852	1.5104	35.3580	8.0345	1.34845
11900	4.9852	1.9790	1.5190	35.5138	8.1222	1.35846
12000	4.9935	1.9729	1.5277	35.6695	8.2096	1.36853
12100	5.0018	1.9668	1.5366	35.8270	8.2985	1.37882
12200	5.0100	1.9607	1.5457	35.9854	8.3884	1.38927
12300	5.0183	1.9545	1.5550	36.1457	8.4797	1.39995
12400	5.0264	1.9484	1.5643	36.3055	8.5703	1.41063
12500	5.0346	1.9422	1.5739	36.4670	8.6525	1.42156
12600	5.0426	1.9361	1.5836	36.6287	8.7548	1.43258
12700	5.0506	1.9300	1.5933	36.7903	8.8472	1.44369
12800	5.0585	1.9239	1.6031	36.9525	8.9395	1.45486
12900	5.0664	1.9179	1.6131	37.1158	9.0327	1.46621
13000	5.0742	1.9118	1.6232	37.2788	9.1259	1.47766
13100	5.0819	1.9058	1.6333	37.4420	9.2185	1.48915
13200	5.0896	1.8998	1.6434	37.6048	9.3108	1.50066
13300	5.0971	1.8939	1.6536	37.7669	9.4025	1.51223
13400	5.1046	1.8879	1.6639	37.9299	9.4944	1.52390
13500	5.1119	1.8820	1.6742	38.0914	9.5853	1.53564
13600	5.1192	1.8762	1.6844	38.2529	9.6756	1.54731

LOG P= 3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13700	5.1264	1.8703	1.6946	38.4135	9.7650	1.55900
13800	5.1335	1.8546	1.7047	38.5727	9.8531	1.57061
13900	5.1405	1.8589	1.7149	38.7327	9.9413	1.58233
14000	5.1473	1.8533	1.7249	38.8899	10.0271	1.59386
14100	5.1541	1.8476	1.7349	39.0469	10.1124	1.60546
14200	5.1607	1.8421	1.7448	39.2028	10.1966	1.61702
14300	5.1673	1.8366	1.7546	39.3573	10.2791	1.62845
14400	5.1737	1.8312	1.7643	39.5102	10.3602	1.63982
14500	5.1800	1.8259	1.7738	39.6614	10.4395	1.65108
14600	5.1863	1.8206	1.7831	39.8110	10.5171	1.66223
14700	5.1924	1.8154	1.7924	39.9602	10.5942	1.67341
14800	5.1984	1.8102	1.8015	40.1066	10.6686	1.68436
14900	5.2043	1.8052	1.8104	40.2523	10.7424	1.69531
15000	5.2101	1.8002	1.8192	40.3964	10.8145	1.70613

LOG P= 3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.4634	2.9343	8.5031	14.0268	9.6888	1.00000
400	3.5159	2.9111	6.7334	15.0741	8.2011	1.00000
500	3.5766	2.8906	5.6365	16.1404	7.5445	1.00000
600	3.6224	2.8721	4.8905	16.8892	6.9861	1.00000
700	3.6658	2.8550	4.3507	17.5585	6.6183	1.00000
800	3.7035	2.8390	3.9425	18.1085	6.3159	1.00000
900	3.7381	2.8239	3.5234	18.5990	6.0790	1.00000
1000	3.7719	2.8094	3.3672	19.0657	5.9138	1.00000
1100	3.8035	2.7956	3.1572	19.4954	5.7818	1.00000
1200	3.8333	2.7823	2.9819	19.8820	5.6769	1.00000
1300	3.8614	2.7695	2.8336	20.2335	5.5904	1.00000
1400	3.8878	2.7570	2.7065	20.5690	5.5164	1.00000
1500	3.9124	2.7450	2.5965	20.8905	5.4489	0.99919
1600	3.9357	2.7333	2.5003	21.1811	5.3903	0.99902
1700	3.9583	2.7219	2.4156	21.4577	5.3432	0.99891
1800	3.9797	2.7108	2.3404	21.7223	5.3016	0.99880
1900	4.0005	2.7000	2.2731	21.9762	5.2696	0.99850
2000	4.0207	2.6895	2.2127	22.2210	5.2447	0.99841
2100	4.0403	2.6792	2.1581	22.4569	5.2244	0.99928
2200	4.0592	2.6592	2.1084	22.6837	5.2089	0.99812
2300	4.0774	2.6594	2.0631	22.9025	5.1955	0.99794
2400	4.0950	2.6499	2.0215	23.1137	5.1854	0.99778
2500	4.1122	2.6406	1.9832	23.3185	5.1787	0.99762
2600	4.1288	2.6315	1.9479	23.5167	5.1736	0.99740
2700	4.1448	2.6226	1.9150	23.7088	5.1697	0.99729
2800	4.1605	2.6139	1.8845	23.8954	5.1685	0.99721
2900	4.1758	2.6054	1.8560	24.0769	5.1685	0.99716
3000	4.1908	2.5970	1.8290	24.2564	5.1725	0.99678
3100	4.2054	2.5889	1.8033	24.4293	5.1761	0.99697
3200	4.2195	2.5809	1.7792	24.5986	5.1807	0.99762
3300	4.2334	2.5731	1.7564	24.7640	5.1865	0.99812
3400	4.2469	2.5655	1.7349	24.9252	5.1932	0.99840
3500	4.2599	2.5580	1.7146	25.0809	5.1978	0.99864
3600	4.2727	2.5506	1.6954	25.2337	5.2042	0.99897
3700	4.2853	2.5434	1.6772	25.3852	5.2126	0.99931
3800	4.2977	2.5363	1.6599	25.5346	5.2235	0.99984
3900	4.3099	2.5294	1.6434	25.6807	5.2336	1.00027

LOG P= 3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4000	4.3215	2.5225	1.6277	25.8214	5.2412	1.00084
4100	4.3329	2.5158	1.6128	25.9590	5.2494	1.00140
4200	4.3442	2.5092	1.5985	26.0962	5.2598	1.00210
4300	4.3555	2.5027	1.5849	26.2325	5.2727	1.00646
4400	4.3666	2.4963	1.5719	26.3679	5.2864	1.00400
4500	4.3778	2.4900	1.5594	26.5033	5.3032	1.00512
4600	4.3886	2.4838	1.5474	26.6359	5.3188	1.00617
4700	4.3990	2.4777	1.5360	26.7639	5.3321	1.00727
4800	4.4091	2.4717	1.5250	26.8883	5.3441	1.00857
4900	4.4191	2.4658	1.5145	27.0104	5.3562	1.01005
5000	4.4295	2.4599	1.5044	27.1395	5.3770	1.01147
5100	4.4392	2.4542	1.4947	27.2592	5.3899	1.01308
5200	4.4484	2.4484	1.4854	27.3746	5.4006	1.01461
5300	4.4575	2.4428	1.4765	27.4869	5.4104	1.01533
5400	4.4664	2.4372	1.4680	27.5983	5.4205	1.01687
5500	4.4753	2.4317	1.4598	27.7089	5.4318	1.01831
5600	4.4842	2.4262	1.4520	27.8206	5.4455	1.02121
5700	4.4932	2.4208	1.4445	27.9342	5.4622	1.02346
5800	4.5024	2.4154	1.4373	28.0497	5.4828	1.02546
5900	4.5119	2.4101	1.4305	28.1691	5.5083	1.02838
6000	4.5216	2.4048	1.4239	28.2930	5.5391	1.03074
9800	4.8060	2.1956	1.4104	32.1837	6.5278	1.17465
9900	4.8137	2.1901	1.4139	32.2995	6.5770	1.18032
10000	4.8214	2.1846	1.4176	32.4168	6.6278	1.18613
10100	4.8291	2.1791	1.4214	32.5359	6.6804	1.19212
10200	4.8369	2.1736	1.4254	32.6560	6.7345	1.19826
10300	4.8447	2.1681	1.4297	32.7779	6.7905	1.20460
10400	4.8526	2.1625	1.4342	32.9014	6.8480	1.21108
10500	4.8605	2.1570	1.4388	33.0257	6.9070	1.21771
10600	4.8684	2.1514	1.4437	33.1526	6.9679	1.22455
10700	4.8764	2.1458	1.4487	33.2806	7.0304	1.23155
10800	4.8843	2.1402	1.4540	33.4106	7.0942	1.23871
10900	4.8923	2.1345	1.4595	33.5420	7.1600	1.24609
11000	4.9004	2.1289	1.4652	33.6750	7.2273	1.25364
11100	4.9084	2.1232	1.4711	33.8094	7.2960	1.26135
11200	4.9165	2.1175	1.4772	33.9455	7.3667	1.26929
11300	4.9245	2.1118	1.4835	34.0827	7.4380	1.27735
11400	4.9326	2.1061	1.4900	34.2215	7.5113	1.28561
11500	4.9407	2.1003	1.4968	34.3631	7.5866	1.29413
11600	4.9488	2.0946	1.5036	34.5046	7.6624	1.30274
11700	4.9569	2.0888	1.5108	34.6488	7.7400	1.31157
11800	4.9650	2.0830	1.5181	34.7936	7.8187	1.32059
11900	4.9731	2.0772	1.5256	34.9405	7.8995	1.32982
12000	4.9812	2.0714	1.5333	35.0874	7.9800	1.33912
12100	4.9892	2.0655	1.5411	35.2363	8.0623	1.34865
12200	4.9973	2.0597	1.5492	35.3861	8.1456	1.35833
12300	5.0053	2.0538	1.5574	35.5380	8.2304	1.36824
12400	5.0133	2.0480	1.5657	35.6895	8.3148	1.37818
12500	5.0212	2.0422	1.5743	35.8428	8.4010	1.38837
12600	5.0291	2.0363	1.5829	35.9967	8.4874	1.39867
12700	5.0370	2.0305	1.5917	36.1506	8.5743	1.40907
12800	5.0448	2.0247	1.6005	36.3054	8.6614	1.41956
12900	5.0526	2.0188	1.6096	36.4616	8.7496	1.43025
13000	5.0603	2.0130	1.6187	36.6177	8.8381	1.44104
13100	5.0679	2.0072	1.6279	36.7744	8.9264	1.45192

LOG P= 3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13200	5.0755	2.0015	1.6372	36.9310	9.0146	1.46286
13300	5.0830	1.9957	1.6465	37.0872	9.1029	1.47388
13400	5.0905	1.9900	1.6560	37.2447	9.1915	1.48502
13500	5.0979	1.9842	1.6656	37.4013	9.2798	1.49635
13600	5.1052	1.9786	1.6751	37.5582	9.3676	1.50757
13700	5.1124	1.9729	1.6846	37.7145	9.4551	1.51886
13800	5.1195	1.9673	1.6941	37.8698	9.5414	1.53010
13900	5.1266	1.9617	1.7037	38.0263	9.6285	1.54148
14000	5.1335	1.9562	1.7131	38.1804	9.7134	1.55274
14100	5.1404	1.9507	1.7226	38.3347	9.7982	1.56408
14200	5.1472	1.9453	1.7321	38.4884	9.8824	1.57544
14300	5.1538	1.9399	1.7415	38.6411	9.9652	1.58671
14400	5.1604	1.9345	1.7508	38.7925	10.0469	1.59797
14500	5.1669	1.9292	1.7600	38.9426	10.1273	1.60915
14600	5.1732	1.9240	1.7692	39.0916	10.2063	1.62026
14700	5.1795	1.9188	1.7783	39.2404	10.2851	1.63142
14800	5.1857	1.9137	1.7873	39.3867	10.3614	1.64241
14900	5.1918	1.9086	1.7962	39.5326	10.4375	1.65342
15000	5.1978	1.9035	1.8051	39.6772	10.5120	1.66432

LOG P= 4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.5341	2.9612	10.0153	13.6512	11.4016	1.00000
400	3.5794	2.9385	7.9376	14.7348	9.4925	1.00000
500	3.6331	2.9197	6.6333	15.8272	8.5930	1.00000
600	3.6744	2.9031	5.7383	16.5963	7.8748	1.00000
700	3.7139	2.8879	5.0865	17.2802	7.3926	1.00000
800	3.7484	2.8739	4.5911	17.8404	7.0030	1.00000
900	3.7801	2.8606	4.2024	18.3381	6.6973	1.00000
1000	3.8113	2.8480	3.8893	18.8096	6.4760	1.00000
1100	3.8406	2.8359	3.6320	19.2429	6.2975	1.00000
1200	3.8683	2.8242	3.4170	19.6319	6.1534	1.00000
1300	3.8945	2.8129	3.2348	19.9851	6.0331	1.00000
1400	3.9192	2.8020	3.0784	20.3217	5.9296	1.00000
1500	3.9422	2.7913	2.9430	20.6440	5.8364	0.99913
1600	3.9642	2.7810	2.8246	20.9351	5.7549	0.99894
1700	3.9854	2.7708	2.7202	21.2120	5.6874	0.99882
1800	4.0056	2.7609	2.6275	21.4769	5.6275	0.99872
1900	4.0253	2.7513	2.5447	21.7310	5.5792	0.99838
2000	4.0445	2.7418	2.4703	21.9760	5.5394	0.99828
2100	4.0630	2.7325	2.4031	22.2121	5.5057	0.99814
2200	4.0810	2.7235	2.3421	22.4393	5.4780	0.99796
2300	4.0984	2.7146	2.2865	22.6583	5.4534	0.99776
2400	4.1152	2.7059	2.2356	22.8698	5.4329	0.99758
2500	4.1317	2.6974	2.1888	23.0749	5.4167	0.99739
2600	4.1476	2.6890	2.1455	23.2735	5.4030	0.99711
2700	4.1630	2.6809	2.1057	23.4659	5.3909	0.99695
2800	4.1781	2.6728	2.0685	23.6529	5.3823	0.99684
2900	4.1928	2.6650	2.0339	23.8348	5.3753	0.99676
3000	4.2073	2.6573	2.0016	24.0149	5.3728	0.99623
3100	4.2214	2.6497	1.9714	24.1884	5.3703	0.99646
3200	4.2351	2.6423	1.9430	24.3583	5.3693	0.99722
3300	4.2485	2.6351	1.9163	24.5244	5.3700	0.99777
3400	4.2616	2.6279	1.8910	24.6862	5.3718	0.99804

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	4.2742	2.6209	1.8672	24.8426	5.3719	0.99831
3600	4.2866	2.6140	1.8446	24.9961	5.3741	0.99861
3700	4.2989	2.6073	1.8232	25.1483	5.3786	0.99891
3800	4.3110	2.6007	1.8029	25.2986	5.3858	0.99939
3900	4.3228	2.5941	1.7831	25.4452	5.3923	0.99976
4000	4.3342	2.5877	1.7643	25.5864	5.3965	1.00026
4100	4.3453	2.5814	1.7463	25.7246	5.4014	1.00077
4200	4.3563	2.5752	1.7291	25.8623	5.4087	1.00137
4300	4.3674	2.5691	1.7127	25.9990	5.4185	1.00323
4400	4.3782	2.5632	1.6970	26.1349	5.4294	1.00315
4500	4.3891	2.5573	1.6819	26.2707	5.4434	1.00412
4600	4.3997	2.5514	1.6675	26.4036	5.4562	1.00506
4700	4.4098	2.5457	1.6536	26.5318	5.4668	1.00610
4800	4.4197	2.5401	1.6403	26.6564	5.4762	1.00728
4900	4.4294	2.5346	1.6275	26.7785	5.4855	1.00861
5000	4.4396	2.5291	1.6151	26.9076	5.5038	1.00992
5100	4.4490	2.5237	1.6033	27.0272	5.5140	1.01133
5200	4.4581	2.5184	1.5918	27.1424	5.5221	1.01269
5300	4.4670	2.5131	1.5808	27.2544	5.5293	1.01284
5400	4.4757	2.5080	1.5701	27.3654	5.5368	1.01430
5500	4.4843	2.5029	1.5599	27.4755	5.5455	1.01606
5600	4.4930	2.4978	1.5499	27.5865	5.5565	1.01840
5700	4.5018	2.4928	1.5403	27.6993	5.5705	1.02033
5800	4.5107	2.4879	1.5311	27.8139	5.5883	1.02212
5900	4.5199	2.4830	1.5222	27.9323	5.6110	1.02467
6000	4.5293	2.4782	1.5135	28.0550	5.6389	1.02690
11500	4.9311	2.1948	1.5157	33.8497	7.4198	1.27002
11600	4.9389	2.1894	1.5215	33.9831	7.4889	1.27793
11700	4.9467	2.1840	1.5276	34.1191	7.5599	1.28604
11800	4.9545	2.1785	1.5338	34.2557	7.6320	1.29433
11900	4.9624	2.1730	1.5402	34.3943	7.7060	1.30282
12000	4.9702	2.1675	1.5468	34.5331	7.7801	1.31139
12100	4.9780	2.1621	1.5535	34.6737	7.8559	1.32017
12200	4.9858	2.1565	1.5605	34.8154	7.9327	1.32911
12300	4.9936	2.1510	1.5676	34.9590	8.0112	1.33827
12400	5.0013	2.1455	1.5748	35.1026	8.0896	1.34748
12500	5.0091	2.1400	1.5822	35.2481	8.1697	1.35693
12600	5.0168	2.1345	1.5898	35.3941	8.2503	1.36650
12700	5.0245	2.1289	1.5974	35.5404	8.3314	1.37619
12800	5.0322	2.1234	1.6052	35.6878	8.4131	1.38598
12900	5.0398	2.1179	1.6131	35.8368	8.4961	1.39597
13000	5.0474	2.1124	1.6212	35.9859	8.5796	1.40610
13100	5.0549	2.1069	1.6293	36.1358	8.6632	1.41632
13200	5.0624	2.1014	1.6376	36.2860	8.7470	1.42663
13300	5.0699	2.0959	1.6459	36.4361	8.8311	1.43705
13400	5.0773	2.0904	1.6543	36.5877	8.9160	1.44751
13500	5.0846	2.0849	1.6631	36.7392	9.0013	1.45849
13600	5.0919	2.0795	1.6716	36.8908	9.0861	1.46919
13700	5.0991	2.0741	1.6802	37.0423	9.1707	1.48000
13800	5.1062	2.0687	1.6887	37.1932	9.2548	1.49079
13900	5.1134	2.0633	1.6974	37.3455	9.3398	1.50177
14000	5.1203	2.0581	1.7059	37.4960	9.4230	1.51256
14100	5.1272	2.0528	1.7146	37.6469	9.5067	1.52367
14200	5.1341	2.0475	1.7232	37.7977	9.5900	1.53475
14300	5.1409	2.0423	1.7318	37.9480	9.6725	1.54577

LOG P= 4.0

T	LOG H/R	LOG RHO	Z	S/R	+/RT	Z*
14400	5.1476	2.0371	1.7403	38.0974	9.7541	1.55684
14500	5.1541	2.0320	1.7488	38.2459	9.8350	1.56787
14600	5.1606	2.0270	1.7572	38.3936	9.9147	1.57889
14700	5.1671	2.0219	1.7657	38.5416	9.9947	1.59000
14800	5.1734	2.0169	1.7739	38.6876	10.0726	1.60098
14900	5.1797	2.0120	1.7822	38.8335	10.1507	1.61204
15000	5.1859	2.0071	1.7905	38.9785	10.2274	1.62304

LOG P= 4.1

T	LOG H/R	LOG RHO	Z	S/R	+/RT	Z*
300	3.6086	2.9903	11.7347	13.2449	13.5358	1.00000
400	3.6471	2.9570	9.3202	14.3729	11.0925	1.00000
500	3.6938	2.9490	7.7858	15.4950	9.8810	1.00000
600	3.7306	2.9337	6.7242	16.2891	8.9625	1.00000
700	3.7661	2.9201	5.9460	16.9911	8.3372	1.00000
800	3.7974	2.9076	5.3517	17.5644	7.8395	1.00000
900	3.8263	2.8960	4.8835	18.0714	7.4486	1.00000
1000	3.8548	2.8849	4.5052	18.5493	7.1583	1.00000
1100	3.8817	2.8743	4.1936	18.9871	6.9227	1.00000
1200	3.9072	2.8641	3.9327	19.3794	6.7301	1.00000
1300	3.9314	2.8543	3.7111	19.7348	6.5684	1.00000
1400	3.9543	2.8447	3.5208	20.0729	6.4291	1.00000
1500	3.9757	2.8353	3.3558	20.3961	6.3043	0.99997
1600	3.9962	2.8262	3.2113	20.6877	6.1949	0.99886
1700	4.0160	2.8172	3.0838	20.9650	6.1026	0.99874
1800	4.0349	2.8085	2.9706	21.2300	6.0205	0.99865
1900	4.0534	2.7999	2.8695	21.4842	5.9522	0.99826
2000	4.0715	2.7914	2.7786	21.7293	5.8944	0.99816
2100	4.0890	2.7831	2.6965	21.9654	5.8444	0.99800
2200	4.1060	2.7749	2.6220	22.1926	5.8017	0.99781
2300	4.1224	2.7669	2.5541	22.4117	5.7635	0.99758
2400	4.1384	2.7591	2.4920	22.6233	5.7305	0.99738
2500	4.1540	2.7513	2.4349	22.8285	5.7027	0.99715
2600	4.1692	2.7437	2.3823	23.0272	5.6784	0.99693
2700	4.1839	2.7363	2.3337	23.2198	5.6565	0.99662
2800	4.1983	2.7289	2.2886	23.4070	5.6387	0.99646
2900	4.2124	2.7217	2.2467	23.5892	5.6232	0.99634
3000	4.2263	2.7146	2.2075	23.7696	5.6128	0.99567
3100	4.2398	2.7076	2.1709	23.9434	5.6030	0.99596
3200	4.2530	2.7008	2.1366	24.1137	5.5951	0.99604
3300	4.2659	2.6941	2.1044	24.2801	5.5893	0.99743
3400	4.2785	2.6874	2.0740	24.4423	5.5850	0.99770
3500	4.2907	2.6809	2.0454	24.5991	5.5794	0.99799
3600	4.3026	2.6745	2.0183	24.7530	5.5763	0.99829
3700	4.3145	2.6682	1.9926	24.9057	5.5757	0.99855
3800	4.3263	2.6620	1.9683	25.0563	5.5781	0.99897
3900	4.3377	2.6559	1.9451	25.2036	5.5802	0.99930
4000	4.3487	2.6499	1.9231	25.3455	5.5803	0.99972
4100	4.3595	2.6440	1.9021	25.4844	5.5814	1.00019
4200	4.3703	2.6382	1.8821	25.6228	5.5851	1.00070
4300	4.3810	2.6325	1.8629	25.7604	5.5917	1.00096
4400	4.3916	2.6268	1.8446	25.8971	5.5994	1.00237
4500	4.4022	2.6213	1.8270	26.0339	5.6105	1.00320
4600	4.4125	2.6158	1.8102	26.1677	5.6206	1.00406

LOG P= 4.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4700	4.4225	2.6104	1.7940	26.2969	5.6285	1.00503
4800	4.4322	2.6051	1.7785	26.4225	5.6357	1.00611
4900	4.4417	2.5998	1.7636	26.5457	5.6428	1.00730
5000	4.4517	2.5947	1.7489	26.6753	5.6584	1.00851
5100	4.4609	2.5896	1.7347	26.7954	5.6661	1.00974
5200	4.4697	2.5846	1.7210	26.9111	5.6718	1.01098
5300	4.4784	2.5796	1.7078	27.0235	5.6765	1.01063
5400	4.4869	2.5748	1.6951	27.1349	5.6817	1.01208
5500	4.4953	2.5700	1.6828	27.2452	5.6880	1.01369
5600	4.5038	2.5652	1.6708	27.3566	5.6968	1.01597
5700	4.5124	2.5606	1.6593	27.4695	5.7085	1.01759
5800	4.5211	2.5560	1.6481	27.5842	5.7240	1.01923
5900	4.5301	2.5514	1.6372	27.7027	5.7444	1.02133
6000	4.5393	2.5469	1.6267	27.8253	5.7701	1.02348
13200	5.0506	2.1993	1.6452	35.6731	8.5116	1.39232
13300	5.0579	2.1942	1.6523	35.8170	8.5914	1.40213
13400	5.0652	2.1891	1.6594	35.9628	8.6723	1.41208
13500	5.0726	2.1839	1.6671	36.1093	8.7545	1.42252
13600	5.0798	2.1788	1.6743	36.2556	8.8358	1.43267
13700	5.0870	2.1737	1.6816	36.4021	8.9174	1.44295
13800	5.0941	2.1687	1.6888	36.5484	8.9989	1.45327
13900	5.1012	2.1636	1.6962	36.6965	9.0814	1.46379
14000	5.1082	2.1587	1.7034	36.8432	9.1629	1.47428
14100	5.1151	2.1537	1.7107	36.9906	9.2450	1.48494
14200	5.1220	2.1488	1.7180	37.1384	9.3274	1.49571
14300	5.1289	2.1440	1.7252	37.2862	9.4091	1.50547
14400	5.1357	2.1391	1.7323	37.4336	9.4906	1.51733
14500	5.1424	2.1344	1.7394	37.5805	9.5717	1.52823
14600	5.1490	2.1297	1.7462	37.7272	9.6524	1.53917
14700	5.1556	2.1250	1.7531	37.8747	9.7335	1.55028
14800	5.1621	2.1204	1.7597	38.0207	9.8134	1.56134
14900	5.1686	2.1159	1.7662	38.1673	9.8939	1.57256
15000	5.1749	2.1115	1.7724	38.3137	9.9737	1.58383

LOG P= 4.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
400	3.7188	2.9973	10.8945	13.9859	13.0826	1.00000
500	3.7585	2.9793	9.1068	15.1415	11.4691	1.00000
600	3.7909	2.9647	7.8600	15.9656	10.2980	1.00000
700	3.8225	2.9522	6.9405	16.6896	9.4932	1.00000
800	3.8505	2.9409	6.2348	17.2789	8.8603	1.00000
900	3.8766	2.9305	5.6768	17.7977	8.3637	1.00000
1000	3.9024	2.9207	5.2245	18.2838	7.9875	1.00000
1100	3.9268	2.9114	4.8510	18.7274	7.6811	1.00000
1200	3.9501	2.9025	4.5376	19.1238	7.4290	1.00000
1300	3.9723	2.8939	4.2711	19.4820	7.2162	1.00000
1400	3.9932	2.8855	4.0418	19.8221	7.0327	1.00000
1500	4.0130	2.8773	3.8427	20.1465	6.8691	0.99991
1600	4.0318	2.8693	3.5682	20.4388	6.7256	0.99879
1700	4.0502	2.8614	3.5141	20.7164	6.6030	0.99867
1800	4.0678	2.8537	3.3772	20.9815	6.4937	0.99857
1900	4.0850	2.8461	3.2547	21.2357	6.4010	0.99815
2000	4.1018	2.8386	3.1447	21.4806	6.3212	0.99805
2100	4.1182	2.8312	3.0452	21.7165	6.2511	0.99788

LOG P= 4.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2200	4.1341	2.8239	2.9549	21.9436	6.1903	0.99757
2300	4.1496	2.8167	2.8726	22.1625	6.1355	0.99741
2400	4.1646	2.8096	2.7973	22.3739	6.0872	0.99718
2500	4.1794	2.8026	2.7282	22.5790	6.0455	0.99693
2600	4.1937	2.7958	2.6645	22.7776	6.0081	0.99655
2700	4.2077	2.7890	2.6056	22.9702	5.9743	0.99528
2800	4.2213	2.7823	2.5510	23.1575	5.9454	0.99608
2900	4.2347	2.7757	2.5003	23.3397	5.9196	0.99589
3000	4.2479	2.7692	2.4529	23.5201	5.8996	0.99512
3100	4.2608	2.7628	2.4088	23.6941	5.8808	0.99546
3200	4.2734	2.7565	2.3674	23.8645	5.8645	0.99646
3300	4.2857	2.7503	2.3285	24.0312	5.8509	0.99710
3400	4.2978	2.7442	2.2920	24.1936	5.8392	0.99737
3500	4.3095	2.7381	2.2575	24.3507	5.8267	0.99768
3600	4.3210	2.7322	2.2250	24.5049	5.8171	0.99800
3700	4.3324	2.7263	2.1942	24.6579	5.8103	0.99821
3800	4.3437	2.7206	2.1651	24.8088	5.8069	0.99857
3900	4.3548	2.7149	2.1373	24.9564	5.8035	0.99887
4000	4.3654	2.7093	2.1110	25.0987	5.7984	0.99922
4100	4.3758	2.7038	2.0860	25.2380	5.7946	0.99964
4200	4.3862	2.6983	2.0621	25.3768	5.7936	1.00010
4300	4.3966	2.6929	2.0392	25.5148	5.7956	1.00012
4400	4.4068	2.6877	2.0174	25.6519	5.7991	1.00166
4500	4.4171	2.6824	1.9965	25.7890	5.8061	1.00235
4600	4.4271	2.6773	1.9765	25.9233	5.8124	1.00317
4700	4.4368	2.6722	1.9573	26.0528	5.8168	1.00404
4800	4.4462	2.6572	1.9389	26.1789	5.8202	1.00499
4900	4.4554	2.6623	1.9212	26.3025	5.8240	1.00608
5000	4.4651	2.6574	1.9041	26.4330	5.8367	1.00718
5100	4.4741	2.6526	1.8877	26.5540	5.8419	1.00827
5200	4.4828	2.6478	1.8719	26.6707	5.8451	1.00942
5300	4.4913	2.6432	1.8567	26.7841	5.8476	1.00875
5400	4.4995	2.6385	1.8419	26.8966	5.8505	1.01014
5500	4.5079	2.6340	1.8277	27.0081	5.8549	1.01157
5600	4.5162	2.6294	1.8139	27.1206	5.8618	1.01376
5700	4.5246	2.6250	1.8006	27.2347	5.8718	1.01519
5800	4.5332	2.6206	1.7878	27.3506	5.8857	1.01671
5900	4.5420	2.6162	1.7753	27.4704	5.9046	1.01840
6000	4.5511	2.6119	1.7632	27.5943	5.9288	1.02048

LOG P= 4.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
600	3.8553	2.9967	9.1576	15.5237	11.9448	1.00000
700	3.8830	2.9847	8.0811	16.3738	10.9131	1.00000
800	3.9079	2.9742	7.2510	16.9828	10.1111	1.00000
900	3.9311	2.9647	6.5923	17.5161	9.4821	1.00000
1000	3.9542	2.9559	6.0568	18.0123	8.9988	1.00000
1100	3.9761	2.9477	5.6135	18.4633	8.6040	1.00000
1200	3.9971	2.9398	5.2408	18.8648	8.2775	1.00000
1300	4.0171	2.9322	4.9232	19.2266	8.0015	1.00000
1400	4.0362	2.9248	4.6496	19.5691	7.7633	1.00000
1500	4.0542	2.9177	4.4117	19.8950	7.5520	0.99895
1600	4.0714	2.9106	4.2031	20.1882	7.3663	0.99872
1700	4.0882	2.9037	4.0185	20.4662	7.2064	0.99862

LOG P= 4.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1800	4.1043	2.8969	3.8545	20.7314	7.0638	0.99851
1900	4.1202	2.8902	3.7077	20.9854	6.9410	0.99804
2000	4.1357	2.8835	3.5756	21.2300	6.8343	0.99793
2100	4.1509	2.8770	3.4562	21.4655	6.7397	0.99775
2200	4.1657	2.8705	3.3477	21.6922	6.6566	0.99753
2300	4.1800	2.8541	3.2488	21.9107	6.5814	0.99725
2400	4.1941	2.8578	3.1582	22.1217	6.5145	0.99699
2500	4.2079	2.8515	3.0750	22.3263	6.4557	0.99671
2600	4.2213	2.8453	2.9984	22.5246	6.4025	0.99629
2700	4.2344	2.8392	2.9276	22.7169	6.3541	0.99595
2800	4.2473	2.8331	2.8619	22.9039	6.3116	0.99567
2900	4.2599	2.8271	2.8009	23.0859	6.2733	0.99540
3000	4.2724	2.8212	2.7440	23.2662	6.2416	0.99457
3100	4.2846	2.8154	2.6909	23.4401	6.2119	0.99498
3200	4.2965	2.8096	2.6412	23.6105	6.1854	0.99609
3300	4.3083	2.8039	2.5945	23.7771	6.1622	0.99678
3400	4.3198	2.7983	2.5507	23.9396	6.1417	0.99706
3500	4.3309	2.7927	2.5093	24.0968	6.1208	0.99739
3600	4.3419	2.7872	2.4703	24.2511	6.1032	0.99771
3700	4.3527	2.7818	2.4335	24.4043	6.0890	0.99790
3800	4.3636	2.7764	2.3986	24.5554	6.0785	0.99819
3900	4.3741	2.7711	2.3655	24.7032	6.0685	0.99847
4000	4.3843	2.7659	2.3340	24.8458	6.0570	0.99877
4100	4.3943	2.7508	2.3041	24.9853	6.0473	0.99915
4200	4.4043	2.7557	2.2756	25.1244	6.0406	0.99956
4300	4.4143	2.7507	2.2484	25.2627	6.0372	0.99967
4400	4.4242	2.7457	2.2224	25.4001	6.0355	1.00100
4500	4.4341	2.7408	2.1976	25.5376	6.0377	1.00156
4600	4.4437	2.7360	2.1738	25.6721	6.0393	1.00235
4700	4.4531	2.7312	2.1510	25.8021	6.0392	1.00312
4800	4.4622	2.7265	2.1291	25.9285	6.0384	1.00395
4900	4.4711	2.7219	2.1081	26.0524	6.0381	1.00494
5000	4.4805	2.7173	2.0879	26.1833	6.0470	1.00595
5100	4.4892	2.7128	2.0685	26.3048	6.0484	1.00690
5200	4.4976	2.7083	2.0498	26.4219	6.0480	1.00798
5300	4.5058	2.7039	2.0317	26.5358	6.0471	1.00717
5400	4.5139	2.6995	2.0143	26.6486	6.0468	1.00846
5500	4.5220	2.6952	1.9975	26.7606	6.0481	1.00970
5600	4.5301	2.6909	1.9812	26.8735	6.0519	1.01172
5700	4.5383	2.6867	1.9655	26.9880	6.0588	1.01308
5800	4.5466	2.6826	1.9503	27.1043	6.0699	1.01447
5900	4.5552	2.6785	1.9356	27.2243	6.0860	1.01591
6000	4.5640	2.6744	1.9213	27.3486	6.1075	1.01788

LOG P= 4.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
900	3.9899	2.9991	7.6400	17.2256	10.8549	1.00000
1000	4.0102	2.9910	7.0115	17.7340	10.2369	1.00000
1100	4.0296	2.9835	6.4900	18.1938	9.7312	1.00000
1200	4.0482	2.9764	6.0508	18.5017	9.3118	1.00000
1300	4.0661	2.9697	5.6759	18.9680	8.9566	1.00000
1400	4.0832	2.9631	5.3525	19.3135	8.6502	1.00000
1500	4.0993	2.9568	5.0709	19.6414	8.3796	0.99890
1600	4.1148	2.9506	4.8236	19.9357	8.1418	0.99865

LOG P= 4.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1700	4.1309	2.9445	4.5049	20.2142	7.9356	0.99859
1800	4.1447	2.9384	4.4101	20.4795	7.7518	0.99844
1900	4.1591	2.9325	4.2356	20.7332	7.5920	0.99793
2000	4.1733	2.9267	4.0785	20.9774	7.4519	0.99782
2100	4.1872	2.9208	3.9363	21.2123	7.3272	0.99763
2200	4.2008	2.9151	3.8071	21.4382	7.2167	0.99739
2300	4.2140	2.9094	3.6893	21.6560	7.1165	0.99709
2400	4.2270	2.9038	3.5813	21.8663	7.0266	0.99681
2500	4.2397	2.8981	3.4821	22.0703	6.9467	0.99649
2600	4.2522	2.8926	3.3906	22.2679	6.8743	0.99604
2700	4.2644	2.8871	3.3060	22.4596	6.8080	0.99561
2800	4.2764	2.8816	3.2276	22.6460	6.7490	0.99525
2900	4.2882	2.8762	3.1547	22.8276	6.6953	0.99485
3000	4.2999	2.8708	3.0867	23.0075	6.6494	0.99403
3100	4.3113	2.8655	3.0233	23.1810	6.6065	0.99451
3200	4.3226	2.8603	2.9639	23.3511	6.5676	0.99574
3300	4.3336	2.8551	2.9081	23.5174	6.5327	0.99646
3400	4.3445	2.8499	2.8557	23.6798	6.5013	0.99676
3500	4.3550	2.8448	2.8064	23.8368	6.4701	0.99711
3600	4.3654	2.8397	2.7599	23.9911	6.4430	0.99744
3700	4.3757	2.8347	2.7159	24.1442	6.4197	0.99761
3800	4.3860	2.8298	2.6743	24.2954	6.4007	0.99785
3900	4.3961	2.8249	2.6348	24.4433	6.3826	0.99811
4000	4.4058	2.8201	2.5973	24.5859	6.3636	0.99836
4100	4.4153	2.8153	2.5416	24.7255	6.3465	0.99859
4200	4.4249	2.8105	2.5277	24.8649	6.3330	0.99908
4300	4.4344	2.8059	2.4954	25.0033	6.3231	0.99945
4400	4.4438	2.8012	2.4645	25.1409	6.3152	1.00039
4500	4.4533	2.7967	2.4350	25.2786	6.3114	1.00084
4600	4.4626	2.7922	2.4067	25.4134	6.3074	1.00160
4700	4.4716	2.7877	2.3797	25.5436	6.3019	1.00228
4800	4.4803	2.7833	2.3537	25.6703	6.2960	1.00298
4900	4.4889	2.7789	2.3289	25.7946	6.2908	1.00389
5000	4.4980	2.7746	2.3049	25.9258	6.2950	1.00480
5100	4.5064	2.7703	2.2819	26.0476	6.2920	1.00563
5200	4.5145	2.7661	2.2598	26.1650	6.2873	1.00665
5300	4.5224	2.7620	2.2384	26.2793	6.2823	1.00589
5400	4.5302	2.7578	2.2179	26.3926	6.2781	1.00706
5500	4.5380	2.7538	2.1980	26.5049	6.2755	1.00814
5600	4.5458	2.7498	2.1788	26.6182	6.2757	1.00998
5700	4.5538	2.7458	2.1603	26.7331	6.2791	1.01130
5800	4.5619	2.7418	2.1424	26.8497	6.2867	1.01258
5900	4.5702	2.7379	2.1250	26.9700	6.2994	1.01342
6000	4.5787	2.7341	2.1082	27.0946	6.3176	1.01568

LOG P= 4.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1500	4.1486	2.9950	5.8281	19.3853	9.3865	0.99895
1600	4.1624	2.9894	5.5377	19.6812	9.0836	0.99860
1700	4.1759	2.9840	5.2804	19.9604	8.8199	0.99859
1800	4.1890	2.9785	5.0512	20.2257	8.5847	0.99838
1900	4.2019	2.9734	4.8456	20.4791	8.3790	0.99783
2000	4.2147	2.9681	4.6604	20.7226	8.1974	0.99772
2100	4.2272	2.9630	4.4927	20.9567	8.0353	0.99752

LOG P= 4.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2200	4.2395	2.9579	4.3402	21.1817	7.8908	0.99725
2300	4.2516	2.9528	4.2009	21.3985	7.7597	0.99694
2400	4.2634	2.9478	4.0732	21.5077	7.6416	0.99664
2500	4.2751	2.9428	3.9558	21.8106	7.5358	0.99629
2600	4.2865	2.9378	3.8475	22.0073	7.4395	0.99580
2700	4.2977	2.9329	3.7473	22.1980	7.3512	0.99527
2800	4.3088	2.9280	3.6543	22.3836	7.2719	0.99482
2900	4.3197	2.9231	3.5578	22.5643	7.1994	0.99424
3000	4.3306	2.9183	3.4872	22.7435	7.1360	0.99349
3100	4.3412	2.9135	3.4119	22.9164	7.0767	0.99405
3200	4.3517	2.9087	3.3414	23.0858	7.0227	0.99540
3300	4.3620	2.9039	3.2752	23.2517	6.9736	0.99616
3400	4.3721	2.8992	3.2129	23.4136	6.9289	0.99647
3500	4.3820	2.8946	3.1543	23.5703	6.8853	0.99685
3600	4.3918	2.8900	3.0990	23.7242	6.8464	0.99718
3700	4.4015	2.8854	3.0468	23.8771	6.8121	0.99733
3800	4.4112	2.8808	2.9974	24.0281	6.7828	0.99754
3900	4.4207	2.8763	2.9505	24.1758	6.7548	0.99778
4000	4.4299	2.8719	2.9060	24.3184	6.7266	0.99799
4100	4.4389	2.8674	2.8637	24.4579	6.7008	0.99829
4200	4.4480	2.8531	2.8234	24.5973	6.6789	0.99864
4300	4.4570	2.8587	2.7850	24.7357	6.6611	0.99930
4400	4.4660	2.8544	2.7484	24.8734	6.6457	0.99981
4500	4.4750	2.8502	2.7135	25.0112	6.6348	1.00017
4600	4.4839	2.8459	2.6800	25.1462	6.6239	1.00090
4700	4.4924	2.8418	2.6480	25.2765	6.6119	1.00150
4800	4.5008	2.8376	2.6173	25.4034	6.5998	1.00207
4900	4.5090	2.8336	2.5878	25.5278	6.5888	1.00289
5000	4.5177	2.8295	2.5595	25.6593	6.5874	1.00372
5100	4.5257	2.8255	2.5323	25.7814	6.5789	1.00446
5200	4.5335	2.8216	2.5062	25.8990	6.5691	1.00542
5300	4.5411	2.8176	2.4810	26.0137	6.5591	1.00492
5400	4.5486	2.8138	2.4567	26.1272	6.5501	1.00595
5500	4.5561	2.8099	2.4333	26.2399	6.5430	1.00690
5600	4.5637	2.8061	2.4107	26.3535	6.5389	1.00856
5700	4.5713	2.8024	2.3888	26.4687	6.5381	1.00984
5800	4.5791	2.7986	2.3677	26.5856	6.5414	1.01103
5900	4.5871	2.7950	2.3473	26.7062	6.5501	1.01213
6000	4.5953	2.7913	2.3275	26.8309	6.5644	1.01385

LOG P= 4.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2200	4.2822	2.9991	4.9535	20.9224	8.7051	0.99711
2300	4.2930	2.9946	4.7904	21.1378	8.5355	0.99679
2400	4.3036	2.9901	4.6406	21.3457	8.3822	0.99647
2500	4.3141	2.9856	4.5027	21.5473	8.2442	0.99609
2600	4.3244	2.9811	4.3755	21.7426	8.1184	0.99559
2700	4.3346	2.9767	4.2576	21.9321	8.0029	0.99493
2800	4.3447	2.9723	4.1483	22.1163	7.8984	0.99436
2900	4.3546	2.9680	4.0465	22.2959	7.8027	0.99356
3000	4.3646	2.9636	3.9515	22.4740	7.7178	0.99297
3100	4.3744	2.9593	3.8627	22.6458	7.6385	0.99362
3200	4.3840	2.9550	3.7795	22.8144	7.5656	0.99507
3300	4.3935	2.9507	3.7014	22.9794	7.4991	0.99586

LOG P= 4.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	4.4029	2.9465	3.6280	23.1405	7.4381	0.99620
3500	4.4121	2.9423	3.5588	23.2966	7.3793	0.99660
3600	4.4212	2.9380	3.4935	23.4499	7.3260	0.99692
3700	4.4302	2.9339	3.4318	23.6023	7.2783	0.99707
3800	4.4393	2.9297	3.3733	23.7528	7.2362	0.99726
3900	4.4482	2.9256	3.3179	23.9001	7.1963	0.99747
4000	4.4568	2.9215	3.2653	24.0424	7.1567	0.99765
4100	4.4653	2.9174	3.2153	24.1817	7.1202	0.99793
4200	4.4738	2.9134	3.1677	24.3208	7.0883	0.99824
4300	4.4823	2.9094	3.1224	24.4591	7.0609	0.99907
4400	4.4908	2.9054	3.0791	24.5967	7.0364	0.99925
4500	4.4994	2.9015	3.0378	24.7344	7.0169	0.99955
4600	4.5077	2.8976	2.9983	24.8694	6.9977	1.00024
4700	4.5158	2.8937	2.9605	24.9998	6.9779	1.00076
4800	4.5237	2.8899	2.9242	25.1267	6.9583	1.00123
4900	4.5316	2.8861	2.8895	25.2512	6.9401	1.00195
5000	4.5398	2.8823	2.8561	25.3828	6.9318	1.00271
5100	4.5475	2.8785	2.8240	25.5050	6.9168	1.00337
5200	4.5549	2.8748	2.7932	25.6229	6.9008	1.00426
5300	4.5622	2.8712	2.7635	25.7377	6.8849	1.00423
5400	4.5694	2.8675	2.7349	25.8515	6.8701	1.00511
5500	4.5765	2.8639	2.7073	25.9644	6.8576	1.00601
5600	4.5838	2.8503	2.6808	26.0783	6.8482	1.00751
5700	4.5911	2.8558	2.6551	26.1938	6.8423	1.00869
5800	4.5985	2.8533	2.6302	26.3108	6.8406	1.00982
5900	4.6062	2.8498	2.6062	26.4316	6.8445	1.01083
6000	4.6141	2.8464	2.5830	26.5565	6.8540	1.01238

LOG P= 4.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3200	4.4198	2.9994	4.2842	22.5362	8.2151	0.99475
3300	4.4284	2.9956	4.1926	22.7000	8.1270	0.99559
3400	4.4370	2.9918	4.1065	22.8600	8.0458	0.99595
3500	4.4454	2.9880	4.0253	23.0151	7.9682	0.99636
3600	4.4538	2.9842	3.9486	23.1676	7.8973	0.99665
3700	4.4621	2.9804	3.8761	23.3191	7.8330	0.99682
3800	4.4705	2.9756	3.8074	23.4688	7.7753	0.99701
3900	4.4787	2.9729	3.7423	23.6155	7.7207	0.99719
4000	4.4867	2.9692	3.6805	23.7572	7.6673	0.99736
4100	4.4945	2.9655	3.6217	23.8961	7.6177	0.99751
4200	4.5025	2.9618	3.5657	24.0348	7.5735	0.99788
4300	4.5105	2.9581	3.5124	24.1727	7.5343	0.99858
4400	4.5184	2.9545	3.4615	24.3100	7.4985	0.99871
4500	4.5265	2.9509	3.4129	24.4475	7.4686	0.99896
4600	4.5343	2.9473	3.3664	24.5822	7.4395	0.99960
4700	4.5419	2.9437	3.3218	24.7125	7.4101	1.00007
4800	4.5494	2.9402	3.2792	24.8392	7.3813	1.00043
4900	4.5567	2.9366	3.2383	24.9637	7.3544	1.00104
5000	4.5645	2.9331	3.1991	25.0952	7.3378	1.00175
5100	4.5718	2.9297	3.1614	25.2174	7.3149	1.00235
5200	4.5789	2.9262	3.1251	25.3353	7.2913	1.00313
5300	4.5857	2.9228	3.0902	25.4502	7.2681	1.00334
5400	4.5925	2.9194	3.0566	25.5642	7.2465	1.00454
5500	4.5993	2.9160	3.0242	25.6773	7.2274	1.00550

LOG P= 4.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5600	4.6062	2.9127	2.9930	25.7914	7.2116	1.00686
5700	4.6132	2.9094	2.9628	25.9070	7.1995	1.00785
5800	4.6203	2.9061	2.9337	26.0242	7.1918	1.00894
5900	4.6276	2.9028	2.9056	26.1450	7.1898	1.00991
6000	4.6351	2.8996	2.8783	26.2698	7.1937	1.01126

LOG P= 4.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.5565	2.9985	3.8433	24.1493	8.0037	0.99842
4600	4.5638	2.9953	3.7889	24.2838	7.9623	0.99896
4700	4.5709	2.9920	3.7367	24.4137	7.9212	0.99941
4800	4.5778	2.9888	3.6867	24.5401	7.8814	0.99957
4900	4.5847	2.9855	3.6388	24.6643	7.8438	1.00016
5000	4.5920	2.9823	3.5928	24.7956	7.8171	1.00083
5100	4.5988	2.9791	3.5486	24.9176	7.7844	1.00140
5200	4.6054	2.9760	3.5062	25.0354	7.7517	1.00204
5300	4.6119	2.9728	3.4653	25.1502	7.7196	1.00373
5400	4.6183	2.9696	3.4259	25.2642	7.6895	1.00425
5500	4.6247	2.9665	3.3880	25.3774	7.6624	1.00536
5600	4.6312	2.9634	3.3514	25.4916	7.6389	1.00665
5700	4.6378	2.9603	3.3161	25.6072	7.6193	1.00731
5800	4.6445	2.9573	3.2820	25.7243	7.6044	1.00840
5900	4.6514	2.9542	3.2491	25.8450	7.5954	1.00937
6000	4.6585	2.9512	3.2172	25.9698	7.5923	1.01047

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13. ABSTRACT

Equilibrium thermodynamic data are presented for air from a log P of -7.4 to 4.8 and from a temperature of 100 to 15,000°K, where P is pressure in atmospheres. These data are tabulated at constant pressure with temperature incremented. The dependent parameters are log H/R, log ρ, Z, S/R, H/RT, and Z*. Several sources were used in assembling the data.

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14. KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
air						
thermodynamic properties						
tables						
pressure						
temperature						

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